Logo Netsis ERP | Wings 3.0 Kurulum ve Güncelleme İşlemleri Tanıtım Dokümanı





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Wings-Thinfinity VirtualUI 3.0

Logo Netsis Wings ürününün alt yapısında kullanılan Thinfinity VirtualUI'ın versiyon geçiş süreçleri tamamlanıp 3.0 versiyonuna güncelleme yapılmış, 9.0.37.0 sürümü ve üzeri tüm Logo Netsis Wings çözümleriyle birlikte kullanıma sunulmuştur.

1. Kurulum ve Güncelleme Öncesi Hazırlık

Kurulum ve güncelleme işlemleri öncesi Wings uygulamasında kullanılacak "Kullanıcı" için yapılması gereken tanımlar, ayarlar ve yetki düzenlemeleri ile ilgili adımlar aşağıdaki gibidir:

Wings uygulaması için kullanılacak ayrı bir "Local Admin" kullanıcısı tanımlanmalıdır. (Bkz. Ekran Görüntüsü-1)

🚪 Computer Management — 🗆 🗙								
File Action View Help								
⇔ ⇒ 2 🗊 @ 😹 🛛 🗊								
 Computer Management (Local System Tools Task Scheduler Event Viewer Shared Folders Shares Sessions Open Files Local Users and Groups Users New User Storage Storage Storage Service: Help 	Name Administrator Control Control Name Administrator Control Contro Control Control Control Control Control C	Full Name wings1 wings2 wingsapp	Description Built-in account for administering A user account managed by the s Built-in account for guest access t A user account managed and use wings1 wings2 wingsapp		Actions Users More Actions			
< >								
Creates a new Local User account.								
		Ekra	n Görüntüsü 1					

Wings kullanıcısı ileride ünün kullanımını olumsuz etkileyip kesintilere neden olmaması için şifre değiştirme ayarı "Password Never Expires" şeklinde tanımlanmalıdır. (Bkz. Ekran Görüntüsü-2)



Tanımlanan Wings kullanıcısı eğer yeni oluşturulan bir kullanıcı ise gerekli klasörlerin oluşması ve politikaların işletilebilmesi için bu işlem sonrasında en az bir defa sisteme giriş yapması gerekmektedir.

🛃 Computer Management			– 🗆 X
File Action View Help			
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	Ekrai	n Görüntüsü 2	

Tanımlanan Wings kullanıcısı "Administrators" ve "Remote Desktop Users" grubuna dahil edilmelidir. (Bkz. Ekran Görüntüsü-3,4)



E Computer Manageme	nt (Local Name	Full Name Description	Actions
👻 🎁 System Tools	Maine Statist	rator Built-in account for administering	Users
> 🕑 Task Scheduler > 🚺 Event Viewer	🛃 DefaultA	CCO A user account managed by the s	More Actions
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2 Shares Sessions	🐖 wings	wing Remote control Remote Desktop Services Profile Dial-in	More Actions
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Groups		Select Groups	×
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🗸 📴 Storage		Groups Object Types	
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> 🚡 Services and Applic	ations	Locations	
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		user logs on.	
		OK Cancel Apply Help	
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Kullanıcı tanımlama işlemleri sonrası terminal server üzerinden oluşturduğumuz wings kullanıcısıyla aynı anda birden çok oturum açabilmek için de;

Run (Çalıştır) > gpedit.msc > Edit Group Policy (Grup ilkesini düzenle) > "Computer Configuration (Bilgisayar yapılandırması) > Administrative Templates (Yönetim Şablonları) > Windows Components (Windows bileşenleri) > Remote Desktop Services (Uzak Masaüstü Hizmetleri) > Remote Desktop Session Host (Uzak Masaüstü Oturumu Ana Bilgisayarı) > Connections (Bağlantılar) > "Restrict Remote Desktop Services users to a single Remote Desktop Services session" (Uzak masaüstü hizmetleri kullanıcılarını bir uzak masaüstü hizmetleri oturumuyla sınırla) özelliğinin "Disable" (Kapalı) edilmesi gerekmektedir. (Bkz. Ekran Görüntüsü-5,6,7)



Ekran Görüntüsü 5





Restrict Remote Desktop Services users to a single Remote Desktop Services session — 🛛 🗙							
Restrict Remote Desktop Services users to a single Remote Desktop Services session							
Previous Setting	Next Setting						
O Not Configured	Comment:						^
O Enabled							
Disabled	Supported on:	At least Window	us Sonvor 2002				
		At least window	vs server 2005				0
Options:			Help:				
			This policy setting allo Desktop Services session If you enable this polici using Remote Desktop session (either active o leaves the session in a reconnects to that sess If you disable this polici unlimited simultaneou Desktop Services. If you do not configur not specified at the Gre	ws you to restrict use on. cy setting, users who o Services will be restr or disconnected) on the disconnected state, t sion at the next logon cy setting, users are a us remote connection e this policy setting, oup Policy level.	ers to a sing log on rem icted to a s hat server. I the user aut n. Ilowed to r is by using this policy Cancel	gle Remot notely by single If the use tomatical make Remote setting is	r ly v
		Ekrai	n Görüntüsü 7				

Kurulum ve güncelleme işlemlerinin yapılacağı server işletim sisteminde "ESET" antivirüs programı kullanılıyorsa antivirüs ayalarından ilgili EXE'ler için istisnalar eklenmeli ve 127.0.0.1 adresi de istisna olarak eklenmelidir. (Bkz. Ekran Görüntüsü-8,9)

"Advanced Setup (Gelişmiş Ayarlar)" > Web and Email > Excluded Applications (Dışarıda Bekleyen Uygulamalar);

"C:\Netsis\ENTERPRISE9\VUI\bin64\Thinfinity.VirtualUI.Broker.exe"

"C:\Netsis\ENTERPRISE9\VUI\bin64\Thinfinity.VirtualUI.Gateway.exe"

"C:\Netsis\ENTERPRISE9\VUI\bin64\Thinfinity.VirtualUI.Server.exe"

"C:\Netsis\ENTERPRISE9\VUI\bin64\Thinfinity.VirtualUI.SvcMgr.exe"

Setup > Network > Network attack protection (IDS)'in sağındaki ayarlar > Web and Email > "Excluded IP Address" > 127.0.0.1



GEDT FILE SECURITY		o x
Gelişmiş ayarlar	Q,	× ?
Algılama Altyapısı	Protokol filtreleme	c
Güncelleme 🕕	Uygulama protokolü içerik filtresini etkinleştir 🗸	0
Ağ koruması		
Web ve e-posta 💿	Dışanda bırakılan uygulamalar Düzenle Dısanda bırakılan IP adresleri Düzenle	0
E-posta istemci koruması 0 Web erişimi koruması	Gelismis avarlar - ESET File	a Security X
Kimlik avı koruması	Disarida birakilan uygulamalar	(?)
Cihaz Kontrolü		
Araçlar	C:\Netsis\ENTEGRE9\VU\/bin64\Thinfinity.VirtualUL.Broker.exe C:\Netsis\ENTEGRE9\VU\/bin32\Thinfinity.VirtualUL.Server.exe C:\Netsis\ENTEGRE9\VU\/bin32\Thinfinity.VirtualUL.Server.exe	
Kullanıcı arabirimi	C:\Netsis\ENTEGRE9\VU\bin64\Thinfinity.VirtualUI.Seteway.exe C:\Netsis\ENTEGRE9\VU\bin64\Thinfinity.VirtualUI.Gateway.exe	
Varsayıları		
	c .	
lefined && resources[i + 1] !== "'		
	Ekle Duzenie Sil	
color", "rgb(" + r + ", " + g + '	* <mark>*</mark>	Tamam İptal
	Ekran Görüntüsü 8	
		db mattrix - D X
(eset) INTERNET SEC	JRITY	
	Network protection	?
☆ Home	Firewall	
Q Computer scan	Enabled: filtering of incoming and outgoing network Automatic mode	k traffic. 🔅 🔆
C Update	Network attack protection (IDS)	~
	Enabled: detection of incoming network attacks.	¥
	Botnet protection Enabled: detection and blocking of botnet commun	ication.
Help and support	Connected networks	>
Help and support	Temporary IP address blacklist	
	Blocked addresses: 0	
	Recently blocked applications or devices: 0	>



Sunucu üzerinde yapılması gereken bir diğer Group Policy (Grup İlkesi) ayarı da Wings açıldıktan sonra giriş ekranı açıkken veya kullanıcı işlem yaparken oturumunun düşmesinin engellenmesi için yapılan oturum süresi ayarıdır. Bu düzenleme için;

Run (Çalıştır) > gpedit.msc > Edit Group Policy (Grup İlkesini düzenle) > "User Configuration (Kullanıcı yapılandırması) > Administrative Templates (Yönetim Şablonları) > Windows Components (Windows bileşenleri) > Remote Desktop Services (Uzak Masaüstü Hizmetleri) > Remote Desktop Session Host (Uzak Masaüstü Oturumu Ana Bilgisayarı) > Session Time Limits (Oturum Süresi Limitleri) "Set time limit for disconnected sessions özelliğinin "Enable" edilip süreyi "Never" (Hiçbir Zaman) olarak düzenlemek gerekmektedir. (Bkz. Ekran Görüntüsü-10,11,12) Bu düzenlemenin aktif olabilmesi için işlem sonrası sunucunun yeniden başlatılması gerekmektedir.

🖾 Run	×				
٨	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.				
<u>O</u> pen:	gpedit.msc 🗸				
	OK Cancel <u>B</u> rowse				
Ekran Görüntüsü 10					





Set time limit for disconnected sessions – 🗆 🗙							×	
Set time limit for o	disconnected sess	ions		Previous Setting	Next Set	ting		
 Not Configured Enabled Disabled 	Comment: Supported on:	At least Window	ws Server 200:	3 operating system	ns or Windows :	XP Profes	sional	
Options:			Help:					
End a disconnected s	ession Never	~	This policy disconnect You can us of time tha By default, from a Ren ending the When a ses kept active By default, unlimited t If you enab deleted fro enforce the maintained console ses	setting allows you ed Remote Deskto e this policy settin t a disconnected s Remote Desktop Servi session. even though the of these disconnected ime on the server. He this policy settin m the server after e default behavior for an unlimited to ssion, disconnected	to configure a p Services session g to specify the ession remains Services allows ces session wit nected state, ru user is no longe d sessions are no ng, disconnected the specified ar that disconnect time, select New d session time	time limitions. maximul active on users to d hout logg maintaine ed session mount of ted session ver. If you limits do n	it for m amoun o the serve lisconnect jing off an ograms ar connecte ed for an us are time. To ns are have a not apply.	t r. e d.
L					ок с	ancel	Арр	ly l
		Ekrai	n Görüntü:	sü 12				

Not: HTML içeriklerin olduğu beyanname parametreleri gibi ekranlarda gelen güvenlik uyarıları için Start > Server Manager > Local Server > IE Enhanced Security Configuration > Off şeklinde düzenlenmelidir. Eğer halihazırda bu ayar off durumda ise Internet Explorer'ı açıp gelen ekran üzerinden varsayılan ayarlar uygulansın uyarısı kabul ederek kapatmak gerekmektedir.

Bu düzenlemelerden sonra "Administrators" ve "Remote Desktop Users" grubuna dahil edilen bu kullanıcı için "C:\ProgramData\Logo\NetsisWings" dizinine "yazma" yetkisi verilmelidir. (Bkz. Ekran Görüntüsü-13,14)



Name	Date modified Type	Size		
Quick access DB	5.10.2021 15:49 File folder			
Developer a	DP Properties	×		
Downloads # Documents	be Properties	~		
Documents x	General Sharing Security Previous Versions Customize			
bin64	Object name: C:\ProgramData\Logo\NetsisWings\DB			
Local Disk (C)	Group or user names:			
Sso	& CREATOR OWNER			
Windows	SYSTEM	Permissions for DB	×	
Windows	Users (LOGO-NERPTEST/Users)		~~~~	
This PC		Security		
Network	To change permissions, click Edit.	Object name: C:\ProgramData\	Logo\NetsisWings\DB	
	OWNER Allow Der	ny Group or user names:		
	Full control	CREATOR OWNER		
	Modify Read & execute	SYSTEM	TEST\Administrators)	
	List folder contents	Sers (LOGO-NERPTEST)	lsers)	
	Read			
	Write			
	For special permissions or advanced settings, Advanced.	red	Add Select Users or Groups	>
		OWNER	Allow Select this object type:	
	L	Full control	Users, Groups, or Built-in security principals	a Object Types
	OK Cancel	Apply Modify	From this location:	
		List folder contents	LOGO-NERPTEST	Locations
		Read	Enter the object names to select (examples):
			LOGO-NERPTEST\wings	Check Names
		011		
		OR	Cancel	
			Advanced	OK Cancel

Ekran Görüntüsü 13

Permissions for DB ×							
Security							
Security Object name: C:\ProgramData\Logo\NetsisWings\DB Group or user names: CREATOR OWNER SYSTEM Administrators (LOGO-NERPTEST\Administrators) Systems (LOGO-NERPTEST\Users)							
Wings (LOGO-NERPTEST\wings)							
A	dd	Remove					
Permissions for wings	Allow	Deny					
Read & execute List folder contents Read Write Special permissions							
OK Cancel Apply							
Ekran Görüntüsü 14							

"C:\Users\Administrator\AppData\Roaming\Logo\NetsisWings" dizinine Wings kulanıcısı için "yazma" yetkisi verilmelidir. (Administrator yerine kurulum yapılacak olan sunucuya giriş yapan kullanıcı ismi yazılacaktır.) (Bkz. Ekran Görüntüsü-15,16)



← → ヾ ↑ 📙 > Ula	as Topaloglu > AppData > Roaming > Logo				
4 Quick accord	Name Dat	te modified Type	Size		
Deskton *	NetsisWings 12.	10.2021 16:15 File folder			
Downloads *	NetsisWings F	Properties	×		
🗄 Documents 💉	General Sharing	Security Previous Versions Custom	ize		
Pictures 🖈	Object name:	C:\Users\Ulas.Topaloglu\AppData\Roar	ming\Logo		
bin64	Group or user na	mes:			
🏪 Local Disk (C:)	SYSTEM				
Sso	Llas Topalo	glu (Ulas.Topaloglu@logo.com.tr) 50-NERPTEST\wings1)			
Windows	🧟 Administrato	rs (LOGO-NERPTEST\Administrators)			
💻 This PC	To change permi	ssions, click Edit.	24		
i Network					
	Permissions for S	YSTEM Permissio	ons for NetsisWings	×	
	Modify	Security			
	Read & execut	te Object nam	e: C:\Users\Ulas.Topaloglu\AppData	a\Roaming\Logo	
	Read	Group or us	er names:		
	Write	SYSTI	EM		
	For special permi click Advanced.	ssions or advanced settir 🕹 Ulas T & wings1	opaloglu (Ulas.Topaloglu@logo.com.tr) 1 (LOGO-NERPTEST\wings1)		
		St. Admini	istrators (LOGO-NERPTEST\Administrat	tors)	
				Select Users or Groups	×
		ОК	Add	Select this object type:	
			Aug	Users, Groups, or Built-in security principals	Object Types
		Permissions	norstSTEM Allow	From this location: LOGO-NERPTEST	
		Modify		Established and a state of the	Lucations
		Read & e	xecute	Enter the object names to select (examples): LOGO-NERPTEST/wings	Check Names
		Read	r contents		Check Halles
			OK Casad	Advanced	OK Cancel
			Calibert	. 449	
				1	
		Ekran Gör	üntüsü 15		
	Permissi	ons for NetsisWings		×	
		-			
	Security				
	Object nam	e: C:\Users\Ulas.T	opaloglu\AppData\R	oaming\Logo	
	Group or us	er names:			
	at 5151	EM			
	👗 Ulas T	ʻopaloglu (Ulas.Topalo	glu@logo.com.tr)		
	🕹 wings	1 (LOGO-NERPTEST)	wings1)		
	a winas	(LOGO-NERPTEST\w	vings)		
	S. Admin	istrators (LOGO-NERP	TEST\Administrators)	
				·	
			Add	Remove	
			/uu	henove	
			A.0	D	
	Permissions	s for wings	Allow	Deny	
	Read & e	execute			
	1:44	r contents			
	List folde	Contents			
	Read		\checkmark		
	Write		\checkmark		
	Special r	permissions			
	Special			v	
		OK	Cancel	Apply	
		ОК	Cancel	Apply	
		ОК	Cancel	Apply	
		ОК	Cancel	Apply	
		ок Ekran Gör	Cancel	Apply	

"C:\Users\wings\AppData\Local\Temp" dizinine Wings kullanıcısı için "yazma" yetkisi verilmelidir. (Bkz. Ekran Görüntüsü-17,18)



$\leftarrow \rightarrow \land \uparrow \square \land \uparrow \uparrow$	nis PC > Local Disk (C:) > Users	> wings > AppData > Local					
🔹 Quick access	Name	Date modified Ty	pe Size				
Desktop 🖈	ConnectedDevicesPlatforn	12.10.2021 21:13 Fil	e folder				
🚽 Downloads 🖈	Google	12.10.2021 21:13 Fit	e folder				
🔮 Documents 🛛 🖈	Packages	12.10.2021 21:13 Fil	e folder				
📰 Pictures 🛛 🖈	SquirrelTemp	12.10.2021 21:13 Fil	e folder				
bin64	- Temp	12.10.2021 21:13 Fil	e folder				
Local Disk (C:)	VirtualStore	Temp Properties	× 68	в			
Sso Windows		General Sharing Security Previous Version	ns Customize				
		Object name: C:\Users\wings\AppData\Lo	cal\Temp				
Inis PC		Group or user names:					
Network		SYSTEM Ulas Topaloglu (Ulas.Topaloglu@logo.co	om tr)		a		
		wings (LOGO-NERPTEST\wings)	Permis	sions for Temp	×		
			Security				
		to change permissions, cick Edit.	Edit Object na	me: C:\Users\wings\AppData\Loca	al\Temp		
		Permissions for wings A	llow Deny Group or	user names:			
		Modify	1 SYS	TEM Topalogiu (Illas Topalogiu@logo.com	(rt)		
		Read & execute	2 win	s (LOGO-NERPTEST\wings)			
		Read	Adm	Inistrators (LOGO-NERPTEST Vadminis	Select Users or Groups		×
		Write	<u> </u>		Select this object type:		
		click Advanced.	Advanced	Add	Users, Groups, or Built-in se	ecurity principals	Object Types
			Permissio	ns for SYSTEM Allo	W From this location:		
		OK Car	Full co Apply Modify	ntrol 🗹	LOGO-NERPTEST		Locations
			Read	execute	Enter the object names to s	elect (<u>examples</u>):	Charle Names
			Read	ter contents	LOGO HE H LOT WINGS		Check Names
				OK Cano	Advanced		OK Cancel
		Permissions f Security Object name: Group or user na & SYSTEM & Ulas Topalo & Ulas Topalo & Ministrato Permissions for w Read & execu List folder con	or Temp C:\Users\wings\Aj mes: oglu (Ulas.Topalogi O-NERPTEST\win rs (LOGO-NERPT rings te tents	opData\Local\Temp u@logo.com.tr) igs) EST\Administrators) Add	Remove		
		Special permis	OK	Cancel	Apply		
			Ekran Görü	ntüsü 18			

Son olarak "C:\Netsis\ENTERPRISE9" dizinine "Wings" kullanıcıs için "yazma" yetkisi verilmelidir. (Bkz. Ekran Görüntüsü-19,20) (Netsis kurulum dizini farklılık gösterilebilir, bu dizin Netsis'in kurulu olduğu dizin olarak belirlenecektir)



← → * ↑	This PC > Local Disk (C:) > Netsis				
Quick access Desktop Downloads Documents Pictures bin64 Local Disk (C:) Soo Windows	Name	Date modified Type Size 12.10.2021 1347 File folder File folder E INTERPRISE9 Properties > Seneral Sharing Security Object name: C::Vietaix/ENTERPRISE9 General Security Security Object name: C::Vietaix/ENTERPRISE9 General Security Security General General Security Previous Venions Customize Object name: C::Vietaix/ENTERPRISE9 General Security Security Group: C::Vietaix/ENTERPRISE9 General Security Security Security Security: Security Security Security Security			
💷 This PC		Ta abanas nominianas alial: Edit			
🥏 Network		Pensiesons for CREATOR Alow Deny OWNER Alow Deny Full control Modry Read 8 sence.te Las foleer contents Read Wite For special permissions or advanced settings. Advanced	Permission for EVI EXPRISES Group or user name: C.ViketaivENTERPRISES Group or user name: C.EATOR OWNER S.SYSTEM Administrators (LOGO-NERPTEST-Valministra Users (LOGO-NERPTEST-Valministra Users (LOGO-NERPTEST-Valministra	aton)	
		OK Cancel Apply	Add Permissions for Lisers Allow	Select Users or Groups	×
			Full control	Users, Groups, or Built-in security principals	Object Types
			Modify Read & execute	From this location:	
			List folder contents	LUGU-NERPTEST	Locations
			neau V	Enter the object names to select (<u>examples</u>): LOGO-NERPTEST/wings	Check Names
			OK Cancel	Advanced 0	K Cancel

Permissions for ENTERPRISES)		×			
Security						
Object name: C:\Netsis\ENTE	RPRISE	9				
Group or user names:						
SCREATOR OWNER						
SYSTEM Redministrators (LOGO-NERP)		dministrato	(21			
Users (LOGO-NERPTEST\U	sers)	anninistrato	(3)			
wings (LOGO-NERPTEST\w	ings)					
	Ac	ld	Remove			
Permissions for wings		Allow	Deny			
Read & execute		$\mathbf{\nabla}$				
List folder contents		\square				
Read						
Special permissions						
	_					
ОК		Cancel	Apply			
Ekran Görüntüsü 20						



2. Wings 3.0 Kurulum ve Ayarlar

Logo Netsis Wings sistem ihtiyaçları dokümanında belirtilen minimum sistem ihtiyaçları ve kurulum yapılacak sunucu konfigürasyonları kontrol edildikten sonra "<u>https://download.logo.com.tr</u>" adresinden 9.0.37.0 seti indirilmelidir.

9.0.37.0 set güncelleme işlemleri sonrası "SSO Merkezi Kimlik Uygulaması" güncellenmelidir. (Bkz. Ekran Görüntüsü-21)

Merkezi Kimlik Yönetimi Kurulur	nu X
	Merkezi Kimlik Yönetimi (Single Sign On) kurulumuna hoş geldiniz
	Kurulum uygulamanın bilgisayannızda zaten kurulu olduğunu tespit etti. Aşağıdaki seçeneklerden birini seçip ileri butonuna basınız.
	Devam etmek için ileri butonuna basınız.
	Ekran Görüntüsü 21

SSO Merkezi Kimlik Uygulaması güncelleme işlemi tamamlandıktan sonra "Ephesus.exe" ile bir kez Temelset uygulamasına giriş yapılıp (Bkz. Ekran Görüntüsü-22,23) sonrasında SSO Merkezi Kimlik Uygulaması üzerinden "Onaylı Sürüm Güncelleme" işlemi çalıştırılacaktır. (Bkz. Ekran Görüntüsü-24) Bu şekilde Wings 3.0 kurulumu için gerekli olan Thinfinity lisansı güncellenmiş olacaktır.



			\times
∞°netsis	WINGS	ENTER	PRISE

Dil	
Türkçe	~
Şirket	
ENTERPRISE9	~
İşletme	
1 - NETDATA30	~
Kullanıcı Adı	
netsis	
Şifre	
•	

Giriş Yap Ekran Görüntüsü 22

🎇 Netsis Enterprise (Şirket:GENEL))									_ 🗆 X
*** NETSIS WINGS ENTERPRISE	Genel Dü:	zen Ekstra	Diğer	Çalışma Alanı	Modüller			GENEL ENTERPRISE9 \ 0 MSSQL	NETSIS	
Genel		Q Aramak	t için <mark>E</mark> n	ter tuşuna	basınız.					
				ķ	Kisayolla	arım				
		+ Kisayol Ekie	Lojis	tik - Sa	Finans	Muhasebe	Vönetim			
		Genel	C	e e vetim						
										< >
Hasaŭstŭ Exte										+ Eklenti Ekle
m Masaŭstŭ										





"Onaylı Sürüm Güncelleme" işlemi "Başarılı" bir şekilde tamamlandıktan sonra 9.0.37.0 versiyonlu güncel Netsis90.exe üzerinden "Sunucu Kurulumu" işlemi başlatılmalıdır. (Bkz. Ekran Görüntüsü-25,26)

← → < ↑ 📙 > This PC > Local Disk (C:) > Netsis > ENTERPRISE9 > 9_0_37_0 > Kurulum >						
		Name	Date modified	Туре	Size	
Quick access		- EFatura	12.10.2021 10:51	File folder		
Desktop	4	E-RECETE_SCRIPT	12.10.2021 10:51	File folder		
Documents	*	Font	12.10.2021 10:51	File folder		
Pictures	*	Others EntegratorServisSetup.exe	11.10.2021 13:44	Application	3.701 KB	
bin64		Netsis90.exe	11.10.2021 12:19	Application	11.249 KB	
🏪 Local Disk (C:)		Netsis90.tmp	12.05.2020 19:35	TMP File	1.673 KB	
Sso		NetsisNoxRestSetup.exe	11.10.2021 13:38	Application	42.718 KB	
Windows		HessisservicesHealthCheckerSetup.msi Hessetup.ERecetelmzala.exe	4.01.2018 14:16	Application	9.327 KB	
This PC		Retup.KVKK.exe	24.07.2020 14:26	Application	18.861 KB	
Network		😼 SsoSetup.exe	12.10.2021 08:58	Application	47.890 KB	



Netsis Uygulama Kurulu	mu		×
		<u> </u>	
	₽	SUNUCU KURULUMU	-
	\Box	İSTEMCİ KURULUMU	
	C	GÜNCELLEME	
	Ċ	ÇIKIŞ	
		رووه	
	Ekran	Görüntüsü 26	

Sunucu kurulumu adımları izlenip "Wings Kurulum Ayarları" ekranına gelindiğinde "Wings Kurulumu Yapılsın" seçeneği işaretlenerek "Kullanıcı Ayarları" bölümünden sadece Wings için tanımlanan "Local Admin" kullanıcısının Kullanıcı Adı ve Şifre bilgileri girilmelidir. (Bkz. Ekran Görüntüsü-27)

Netsis Ürünleri İçin Yeni K	Curulum		×
	١	Nings Kurulum Ayarları	Â
	Wings Kurulumu Yapıls	in 🖌	
	-Kullanıcı Ayarları		
	Kullanıcı Adı 🦷 wi	ngs1	
	Şifre 🔹	•••••	
	-Web Servis Ayarları-		
	Home Page	C:\Netsis\ENTERPRISE9\web\index.html	
and the second se	Start Directory	C:\Netsis\ENTERPRISE9\Temelset	
	FileName	C:\Netsis\ENTERPRISE9\Temelset\EphesusWeb.exe	
	Argument		
^{©©} NETSIS 3	Port	6580	
	Wings TimeOut (sn)	1800	
	10 70 0 12 1	1000	
		www.logo.com.tr	$(\ominus) \checkmark$
	Ekrai	n Görüntüsü 27	



Kullanıcı adı ve Şifre bilgileri başarılı şekilde doldurulduktan sonra ekrana çıkan "Bilgi" penceresinde Tanımlanan Wings kullanıcısı için belirtilen tanımlama ve yetkilendirme adımları tamamlanmalıdır. (Bkz. Ekran Görüntüsü-28)

Netsis	Ürünleri İçin Yeni Kurulum	ĸ
	Wings Kurulum Avarları	
Bilgi		×
1	Tanımlanan WINGS kullancısı için DİKKAT edilmesi gereken unsurlar .\WINGS1 kullanıcısı "Administrators" ve "Remote Desktop Users" grubuna dahil olmalıdır, .\WINGS1 Kullanıcısı sadece Wings için kullanılacak yeni bir "Local Admin" kullanıcısı olmalıdır. .\WINGS1 Kullanıcısı için "Password Never Expires" şeklinde tanımı yapılmış olmalıdır. .\WINGS1 Kullanıcısı için "Password Never Expires" şeklinde tanımı yapılmış olmalıdır. .\WINGS1 Kullanıcısı için "C:\ProgramData\Logo\NetsisWings\DB" "C:\ProgramData\Logo\NetsisWings\DB" "C:\Users\ulas.topaloglu\AppData\Roaming\Logo\NetsisWings" "C:\Users\WINGS1\AppData\Local\temp" "C:\Netsis\ENTERPRISE9" Dizinlerin de yazma yetkisinin verilmiş olmalıdır.	ir.
	www.logo.com.tr	
	Ekran Görüntüsü 28	

Önceki Wings sürümünde manuel olarak yapılan tüm "Load Balancing" işlemleri Wings 3.0 sürümüyle birlikte varsayılan olarak işaretli "Load Balancing" parametresinin seçilmesiyle otomatik olarak yapılacaktır. (Bkz. Ekran Görüntüsü-29)

Uyarı: Wings uygulamasının "Load Balancing" modunda kullanılabilmesi için kurulum ve güncelleme işlemlerinin Sunucu/Server İşletim Sistemleri üzerinde yapılıyor olması gerekmektedir. Windows 10 sunucu üzerinde kurulum yapılıyor ve wings kullanıcı sayısı "4" ve altında ise "load balancing" modunda kurulum yapmadan da wings uygulaması kullanılabilmektedir. Thinfinity.VirtualUI.Server üzerinde "Sessions" ayarları bölümünde yer alan "Shared Windows Session" modu ve "Use the current interactive session or console" login seçenekleriyle birlikte çalıştırılabilmekte ancak **bu yöntem kullanıcı sayısının fazla olduğu durumlarda önerilmemektedir.** (Bkz. Ekran Görüntüsü-30)



Netsis Ürünleri İçin Yeni Ku	rulum		×
			^
	Home Mage		
	Start Directory	C: \Netsis\ENTERPRISE3\Temelset	
	Argument		2
	Port	6580	
	Winas TimeOut (sn)	1800	
	Idle TimeOut (sn)	1860	
	Servis Kurulum		
	Agent Service	🖌 Load Balancing 🖌	
Construction of the second			
^{©9®} NETSIS 3	—Wings Lisans Info—— Mijisteri No	69937	
	Lisans Anabtari	WoEavmmIXaZu+aBlstZuudCZVEoVnSBc3ddxN9e	4DdD9EaEbbCYI
	Liourio Arianan		
		www.logo.com.tr	$\otimes \oplus \bigcirc \checkmark$
			
	Ekran	Görüntüsü 29	
tsisWings Server			- U X
lp			
Authentication Applic	ations Folders Pro	otection Services License	
VetsisWings requires at least one ession among all connected use	interactive Windo ers.	ws session. By default it uses the console s	ession, sharing this
You can configure NetsisWings to	run under an alter	nate Windows session or, if you installed th	e Gateway, you can
chose to balance memory usage/	performance by co	nfiguring one session per user or distribute	users evenly among a
umber of windows sessions.			
			_
Mode: Shared W	indows Session	~	1
Shared W	ndovio ocosion	-	1
Our of the current interactive set in the current interactive set in the current interactive set in the current interactive set is a set of the current interactive set is a set of the current interactive set is a set of the current interactive set is a set of the current interactive set is a set of the current interactive set is a set of the current interactive set o	ession or console		Autologon
OUse these credentials:			
Username:			
Password:			Test
🔵 Use VirtualUI's logged-in cre	dentials		
Show Log		Apply	Close
Show Log		Apply	Close
Show Log	Flue	Apply	Close



Netsis90.exe üzerindeki kurulum "Kurulum uygulaması sadece güvenlik ve lisans dosyasını güncellenmesin mi? Sorusuna "Evet" seçeneği işaretlenerek tamamlanır. (Bkz. Ekran Görüntüsü-31)

Netsis Ürünleri İçin Yeni K	urulum	×
	Kurulum için "√" tuşuna bası	nız
	🛛 🕹 Kurulum sırasında yapılacak işlemler	^
	🔀 Kurulum bilgileri kayıtlanıyor	
	Dosyalar kopyalanıyor	
	Navit (registry) bilgileri düzenleniyor	
Onay	×	
(?) Kur	ulum uygulaması sadece güvenlik ve lisans dosyasını güncellesin mi?	
	Evet Hayır	~
c ere nEt		
	رموم	$\otimes \odot \odot \checkmark$
	www.logo.com.tr	
	Ekran Görüntüsü 31	

Kurulum tamamlandıktan sonra gelen log bilgisi ekranında İşlem Tipi "Wings" için sonuçların başarılı olarak tamamlandığından emin olunmalıdır. (Bkz. Ekran Görüntüsü-32)

🗽 Kurului	n Log kayıtlar	X		
SONUÇ	ZAMAN	İŞLEM TİPİ	DETAY	^
🔽 Tamam	12.10.2021 14	RestApi	Rest Api Servisi Kuruluyor	
🔽 Tamam	12.10.2021 14	Wings	Config File Loaded C:\Netsis\ENTERPRISE9\VUI\bin64\	
🔽 Tamam	12.10.2021 14	Wings	Set UserName: .\wings1	
🔽 Tamam	12.10.2021 14	Wings	Save Configuration C:\Netsis\ENTERPRISE9\VUI\bin64\	
🔽 Tamam	12.10.2021 14	Wings	Encryption ConfigFile C:\Netsis\ENTERPRISE9\VUI\bin6	
🔽 Tamam	12.10.2021 14	Wings	Registry Save	
🔽 Tamam	12.10.2021 14	Wings	Copy OEM.ini	
🔽 Tamam	12.10.2021 14	Wings	Stop Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Delete Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Delete Service NetsisWings	
🔽 Tamam	12.10.2021 14	Wings	Delete Service NetsisWingsBroker	
🔽 Tamam	12.10.2021 14	Wings	Delete Service NetsisWingsGateway	
🔽 Tamam	12.10.2021 14	Wings	Delete Service Thinfinity/UISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Install Thinfinity/UISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Install Agent Service	
🔽 Tamam	12.10.2021 14	Wings	Service ThinfinityVUISvcMgr status is not running	
🔽 Tamam	12.10.2021 14	Wings	1 Attempt to Start Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Start Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	2 Attempt to Start Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Start Service ThinfinityVUISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Check Service status	
🔽 Tamam	12.10.2021 14	Wings	Service status is SERVICE_RUNNING	
🔽 Tamam	12.10.2021 14	Wings	InstallC:\Netsis\ENTERPRISE9\VUI\bin64\Logo.Web.Cli	
🔽 Tamam	12.10.2021 14	Wings	SessionMode : LoadBalancing	
🔽 Tamam	12.10.2021 14	Wings	Execute VirtualUtiliy	
🔽 Tamam	12.10.2021 14	Wings	Stop Service Thinfinity/UISvcMgr	
🔽 Tamam	12.10.2021 14	Wings	Start Service Thinfinity/UISvcMgr	
🔽 Tamam	12.10.2021 14	Kurulum Numarası	{9E661EAA-797D-4DAD-BE7D-21A23B948639}	~
لى <u>L</u> og Son	uçlarını Kaydet		<u>I</u> amam	



Netsis90.exe Sunucu Kurulumu işlemi tamamlandıktan sonra lisans aktive işleminin başarılı bir şekilde tamamlandığından emin olmak için "C:\Netsis\ENTERPRISE9\VUI\bin64" dizini altındaki "Log.txt" dosyasının en alt bölümünde "Lisans Aktive edildi." Bilgisi kontrol edilmelidir. (Bkz. Ekran Görüntüsü-33,34)

→ * ↑	> Thi	is PC > Local Disk (C:) > Netsis > ENTERPRIS	E9 → VUI → bin64	5 ~	Search bin64
		Name	Date modified	Туре	Size
Quick access		locale	5.10.2021 15:47	File folder	
Desktop	×	BrowserRules.ini	24.08.2021 10:56	Configuration settings	3
👃 Downloads	A	ComponentSpace.SAML2.dll	24.08.2021 10:56	Application extension	495
🔮 Documents	\mathcal{A}	duolibnet.dll	24.08.2021 10:56	Application extension	21
Pictures	*	error.txt	12.10.2021 14:26	Text Document	1
bin64		🗟 frdlib.dll	24.08.2021 10:56	Application extension	2.931
Local Disk (C:)		🚳 frdlib2.dll	24.08.2021 10:56	Application extension	4.496
Sco		🗟 jpeg62_64.dll	24.08.2021 10:56	Application extension	420
350		libeay32.dll	24.08.2021 10:56	Application extension	2.24
Windows		🚳 Ima.dll	24.08.2021 10:56	Application extension	13.40
This PC		🗟 Ims.dll	24.08.2021 10:56	Application extension	7.96
Maturali		📄 log.txt	6.10.2021 17:23	Text Document	
INELWORK		🖷 logo.png	7.07.2020 22:19	PNG File	
		📭 Logo.Web.Client.Registration.exe	6.10.2021 18:04	Application	3
		Logo.Web.Client.Registration.exe.Config	12.10.2021 14:26	CONFIG File	1
		msvcr100.dll	24.08.2021 10:56	Application extension	810
		NAF.Common.dll	9.09.2021 13:12	Application extension	190
		NAF.Platform.Services.Client.Rest.dll	9.09.2021 13:12	Application extension	2
		Newtonsoft.Json.dll	9.09.2021 13:12	Application extension	508
		OEM.ini	10.09.2021 10:39	Configuration settings	1
		🗟 samlLogin.dll	24.08.2021 10:56	Application extension	8
		ssleay32.dll	24.08.2021 10:56	Application extension	378
		Cuitch our	24.00 2021 10.56	Application	200

Ekran Görüntüsü 33

Iog.txt - Notepad File Edit Format View Help	-	×
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba SHOW_RDS_TAB görünürlük açıldı.		^
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba SHOW_LICENSE_TAB görünürlük açıldı.		
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba Manager ekran görünürlük ayarları yapıldı.		
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba Lisans Aktive ediliyor.		
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba customerId : XXXXX		
Log Entry : 17:23:13 06 Ekim 2021 Çarşamba serial: XXXX-XXXX-XXXX-XXXX-XXXX		l
Log Entry : 17:23:14 06 Ekim 2021 Çarşamba Lisans Aktive edildi.		
·		*



"Log.txt" dosyası incelenip "Lisans Aktive edildi." bilgisi doğrulandıktan sonra "C:\Netsis\ENTERPRISE9\VUI\bin64" dizini altında "Thinfinity.VirtualUI.Server.exe" Wings3.0 konfigürasyonları ve bağlantı bilgileri test edilip düzenlenmelidir. (Bkz. Ekran Görüntüsü-35)

/ II	^	SES 7 YOL 7 DILICY 7	¢ 0	Scarch billor
	Name	Date modified	Туре	Size
s	Signature in the second	24.08.2021 10:56	Application extension	810 KB
*	NAF.Common.dll	9.09.2021 13:12	Application extension	190 KB
s 🖈	NAF,Platform.Services.Client.Rest.dll	9.09.2021 13:12	Application extension	21 KB
ts 🖈	Newtonsoft.Json.dll	9.09.2021 13:12	Application extension	508 KB
*	OEM.ini	10.09.2021 10:39	Configuration settings	1 KB
	samlLogin.dll	24.08.2021 10:56	Application extension	8 KB
	🗟 ssleay32.dll	24.08.2021 10:56	Application extension	378 KB
(C:)	Switch.exe	24.08.2021 10:56	Application	233 KB
	tbbmalloc.dll	24.08.2021 10:56	Application extension	891 KB
	🊱 Thinfinity.Virtualizer.exe	24.08.2021 10:56	Application	8.221 KB
	🎧 Thinfinity.VirtualUI.Broker.exe	24.08.2021 10:56	Application	28.164 KB
	Thinfinity.VirtualUI.BrowserRules.ini	24.08.2021 10:56	Configuration settings	3 KB
	Thinfinity.VirtualUI.dll	24.08.2021 10:56	Application extension	16.218 KB
	ithinfinity.VirtualUI.Forwarding.exe	24.08.2021 10:56	Application	14.480 KB
	🕞 Thinfinity.VirtualUI.Gateway.exe	24.08.2021 10:56	Application	24.988 KB
	Thinfinity.VirtualUI.Server.exe	24.08.2021 10:56	Application	32.360 KB
	Thinfinity.VirtualUI.Settings.dll	24.08.2021 10:56	Application extension	19.632 KB
	ittinfinity.VirtualUI.SvcMgr.exe	24.08.2021 10:56	Application	14.978 KB
	Thinfinity.VuiExLib.Desktop.exe	24.08.2021 10:56	Application	96 KB
	Thinfinity.VUIExLib.dll	24.08.2021 10:56	Application extension	18.088 KB
	Thinfinity.VUILib.dll	24.08.2021 10:56	Application extension	17.954 KB
	Thinfinity.WTSLauncher.exe	24.08.2021 10:56	Application	14.247 KB
	VirtualUl_utils.exe	16.06.2021 00:03	Application	3.959 KB

Thinfinity.VirtualUI.Server ilk açılışta Lisans seçim ekranı gelecektir. Wings 3.0 için kullanılacak lisans anahtarı işaretlenerek "Select" butonu yardımıyla seçimi yapıldıktan sonra "Close" butonu ile ekran kapatılacaktır. (Bkz. Ekran Görüntüsü-36)



ing in the second second second second second second second second second second second second second second s	netsis winds	
Product: Registered to: E-Mail: Serial: License Type: Expiration: Limits and Features:	Thinfinity VirtualUI v3.0 LOGO YAZILIM SAN, VE TIC. Registered never Servers 1 Users 1 Standard enabled	AS.
Activity: Servers Users 0 0		
	Add Damage	Char

Thinfinity.VirtualUI.Server üzerinde "Sessions" sekmesinde Wings için tanımlanan "Local Admin" Username ve Password bilgileri Netsis90 "Wings Kurulum Ayarları" bölümünde tanımlanan kullanıcı bilgileri ile otomatik olarak doldurulmaktadır. Kurulum adımlarında "Bilgi" ekranında gösterilen dizinler için yetki kontrol bu ekranındaki "Test" butonu tıklanmalıdır. Bu işlem sonrası yetki hatası mesajı alınması durumunda "Bilgi" ekranındaki yetki ile ilgili maddeler tekrar kontrol edilmelidir. (Bkz. Ekran Görüntüsü-37)



(<u>a</u> 1	Vetsis	Wings	Server									_		\times
File H	Help													
Gene	ral B	Broker	Sessions	Authentication	Applications	Folders	Protection	Services	License					
	Nets sess You chos num	sisWin sion a can co se to b ber of	gs require nong all c nfigure Ne alance me Windows	s at least one i onnected users etsisWings to ru emory usage/pe sessions.	nteractive Wi s. un under an a erformance b	ndows s alternate y configu	ession. By Windows s uring one se	default it u session o ession pe	uses the r, if you in r user or	console : stalled th distribute	sessio ne Gate e users	n, sharin way, you evenly a	g this can mong a	
			Mode	E: One Browse	r per Windows ning third-part	Session y applicat	ions			~	,			
		⊖u ⊚u	se the curre se these cre	ent interactive se	ssion or consol	e					Auto	ologon		
			Usernan	ne: .\wings1										
			Passwo	rd: ••••••	••••							Test		
		Ou	se VirtualUI	's logged-in a Inf	ormation					:	×			
					j Logon	success	ful. Credenti	als are cor	rrect.					
										OK				
	5	Show Lo	g							Apply		C	lose	
					Ek	ran Gö	örüntüsü	37						

Thinfinity.VirtualUI.Server üzerinde "Applications" ayarları bölümünde yer alan "Credentials" ekranındaki (Bkz. Ekran Görüntüsü-39) kullanıcı bilgileri ilk kez Wings kurulumu yapılıyor ise boş olarak gelecektir. Bu durumda uygulamaya giriş bilgileri "Session" sekmesindeki kullanıcı bilgilerinden alınacak ve bu ekranda bilgileri doldurmaya gerek kalmayacaktır. Wings güncelleme işlemi yapılıyor ise bu ekranda kullanıcı bilgileri "Sessions" sekmesindeki bilgiler ile aynı gelecektir. (Bkz. Ekran Görüntüsü-38) Wings güncellemesi yapılıyorsa "Credentials" sekmesindeki bilgiler kontrol edilip "Ok" tuşuna basılarak ayarların kaydedilmesi gerekmektedir.



e	Nets	isWings	Server									_		×
File	Help													
Gen	eral	Broker	Session	Authentication	Applications	Folders	Protection	Services	Licen	ise				
	Applic	cation list	t:											
	Nan	ne		Target										
		Netsis	s Wings	C: Wetsis ENTERP	RISE9\Temelse	t\Ephesus	Web.exe							
	<													>
			-							-	-	_	_	-
	E	xport			b			Add		Duplicate	Edit		<u>R</u> emove	
		ed users	and gro is access	ups for selected ap	plication:									
	Datał	base pat	h:	C:\ProgramDa	ta\Logo\Netsis	Winas\DB	1							
		Show Lo								Appl			Class	
		SHOW LC	/y							Appi	ý		Close	
					Ek	ran Gö	örüntüsü	38						



The Application Profiles Editor	_		×					
Name: Netsis Wings								
Virtual Path: NetsisWings								
Home Page: C:\Netsis\ENTERPRISE9\web\index.html		Open						
Access Key: f0m2aQkH1V8hNJkV3hjBYbLX9-P3\$Vzx								
Icon:	Icon:							
Default application								
General Credentials Permissions Restrictions Access Hours								
Credentials: Use server's account Use the authenticated credentials Use these credentials:								
User name: .\wings1 Password:								
	Ok	Cance	1					
Ekran Görüntüsü 39								

Wings 3.0 kurulumu işlemi sonrası eski versiyonlardaki "Netsis Wings" ve "Load Balancing" uygulamasının kullanılması durumunda "Broker" ve "Gateway" servisleri otomatik olarak kaldırılıp bu servisler yerine "**Thinfinity VirtualUI Service Manager**" servisi kurulacaktır. Son olarak "Thinfinity VirtualUI Service Manager" servisi yeniden başlatılıp uygulamaya giriş yapılabilir. (Bkz. Ekran Görüntüsü-40)



Services

ervices (Local)	Services (Local)					
	Thinfinity VirtualUI Service	Name	Description	Status	Startup Type	Log On As
	Manager	🆏 System Guard Runtime Monitor Br	Monitors an		Manual	Local Syste
	Stop the convice	🆏 Task Scheduler	Enables a us	Running	Automatic	Local Syste
	Pause the service	🥋 TCP/IP NetBIOS Helper	Provides su	Running	Manual (Trig	Local Service
	Restart the service	🆏 Telephony	Provides Tel		Manual	Network S
		🆏 Themes	Provides us	Running	Automatic	Local Syste
		🔯 Thinfinity VirtualUl Service Manager			A	Local Syste
		🆏 Time Broker	Coordinates	Start		Local Service
		🆏 Touch Keyboard and Handwriting	Enables Tou	Stop		Local Syste
		🆏 Update Orchestrator Service	Manages W	Pause		Local Syste
		🆏 UPnP Device Host	Allows UPn	Resum	ne	Local Service
		🆏 User Access Logging Service	This service	Restar	t	Local Syste
		🆏 User Data Access_3e3a363	Provides ap			Local Syste
		🎑 User Data Storage_3e3a363	Handles sto	All Tas	sks >	Local Syste
		🆏 User Experience Virtualization Servi	Provides su	Refres	h	Local Syste
		🆏 User Manager	User Manag			Local Syste
		🎑 User Profile Service	This service	Prope	erties	Local Syste
		🆏 Virtual Disk	Provides m	Help		Local Syste
		🆏 VMware Alias Manager and Ticket	Alias Mana	neip	/ acomatic	Local Syste
		🆏 VMware Snapshot Provider	VMware Sn		Manual	Local Syste
		🆏 VMware Tools	Provides su	Running	Automatic	Local Syste
		🆏 Volume Shadow Copy	Manages an		Manual	Local Syste
		🆏 WalletService	Hosts objec		Disabled	Local Syste
		🥋 WarpJITSvc	Provides a Jl		Manual (Trig	Local Service
		🎑 Web Account Manager	This service	Running	Manual	Local Syste
		Windows Audio	Manages au	-	Manual	Local Service

Kurulum ve güncelleme adımları tamamlanmıştır. "Wings 3.0" uygulaması bu işlemlerden sonra güncel versiyonuyla çalıştırılabilmektedir. (Bkz. Ekran Görüntüsü-41)

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	Ekran Görüntüsü 41	