February, 14th 2025

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OCUMENT CONTROL

INITIAL DRAFTED BY

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BACKGROUND

DESIGN

REQUIREMENT

Hardware Compatibility

AP-ID-JKTPAN01

&

AP-ID-JKTPAN0

2

Minimum Compatible Content and Software Version

EXISTING CONDITION

Device Type	Hostname	Functionality	Serial Number	IP Address	HA Status	Software Version	
						Existing	Suggested
PA-850	AP-ID-JKTPAN01	Firewall	011901065217	10.10.15.70	Active		10.1.14h9
PA-850	AP-ID-JKTPAN02	Firewall	011901065221	10.10.15.71	Passive		10.1.14h9

PRI	RE-CHECK ACTIVITY				
Pre	-check Activ	ity			
No	Task				
PAI	NORAMA				
		Login to Panorama to download the PAN-OS that needed:			
		Select			
		Panorama			
l.l	Download	>			
1	DANI OC	Software			
		>			
		Check Now			
		Locate and download PAN-OS:			
Ш					
		Login to Panorama via GUI (Browser):			
	Capture trie	Select			
2	Information	Dashboard			
	Devices	Capture the output of			
		General Information			
Ш		menu & Managed Devices Information menu			
		Login to Panorama via GUI (Browser):			
		Select .			
		Panorama > Managed Devices > Summary			
		Capture the output of			
		the			
	Capture Managed				
3	Devices	Summary			
		menu			
		Verify on Managed Devices Summary:			
		Shared Policy in Synchronized			
		Template in			
		Synchronized			
H		Login to Panorama via GUI (Browser):			
		Login to Panorama via Sur (Browser): Select			
	Capture the	Panorama			
4	Licenses Menu				
		Licenses			
Н		Login to Panorama via GUI (Browser):			
		Eugini di Farinta ina di Giolowser). Select			
		Panorama			
	Save a Backup of	Setup			
5	the Current	>			
	Configuration File	Operations			
		Click			
		Export named configuration snapshot			
		Choose "running-config.xml" from dropdown option > click OK			
H		Login to Panorama via GUI (Browser):			
		Select			
		Panorama			
		Support			
6	Generate Tech Support	→			
ا	File				
		Generate Tech Support File			
		>			
		Click			
		Yes			
۲					

		Login to Panorama via GUI (Browser):
		Select
		Panorama
		Dynamic Updates
		Check Now
		and check which
		Applications
	Ensure that	
	Running the	Applications and Threats
7	Latest	to determine which update is Currently installed.
	Content Release	Make sure Panorama are running the latest or minimum version required content release version or a later version required for PAN-OS 1
	Version	1
		1
		-
		Locate and
		Download
		the desired content release version
		Install the update on Panorama
		Login to Panorama via CLL/SSH:
		Enter command
8	Available Disk Space	
		show system disk-space
		Make sure that the minimum available disk space on Panorama is 1154 MB. Login to Panorama via GUI (Browser):
		Select
		Panorama
		>
		Managed Devices >
	Verify	
	Connectivity from the	
9	Management Interface to	Troubleshooting
	the Update	>
	Server	Choose
		Update Server Connectivity
		from dropdown option >
		Execute
		Login to Panorama via GUI (Browser):
		Select
		Panorama
10	Capture the Device	>
	Cortificate	Setup
		Capture
		Device Certificate
lot	al Duration Pre	-Check List

Pr	e-check Activ	rity
N	o Task	
P A	ALO ALTO	
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser) to download the PAN-OS that needed:
		Select Device
		Device
1	Download	Software
	PAN-OS	>
		Check Now
		Locate and download PAN-OS:
L		
		Export Certificate and Check certificate minimum requirement RSA 2048 bit or greater /ECDSA 256 bits or greater and Digest of SHA256 or Greater
2	Check Certificate	Login to both peers (PA Primary & PA Secondary via GUI (Browser): - Select Device > Certificate Management
		- Export Certificate
L		
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Select
		Dashboard
3	General	Capture the output of
	Information	General Information
		menu & Managed Devices Information menu
H		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Select Select
		Dashboard
		Capture the output of
		High Availability
		menu
		Verify on both peers:
		AP-ID-JKTPAN01
		Active-Primary Unit AP-ID-JKTPAN02
		אניים וואניים
		as
4	Capture the High	Active-Secondary unit
	Availability Status	Running Config is Synchronized
		App Version, Threat Version, Antivirus Version, PAN-OS Versio
		n
		, and
		GlobalProtect
		Version
		status are M
		atch
		HA1, HA1 Backup
		r HA2
1		and HA3
		status are UP
t		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
1		Select
5	Licenses	Device
	Menu	>
L		Licenses

		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Select
		Device
		Setup
		· · · · · · · · · · · · · · · · · · ·
	Save a	Operations
	Backup of	Click
	the Current Configuration	
	File	Export named configuration snapshot
		Choose "
		running-config.xml
		from dropdown option
		click
		ok
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Select
		Device
		Support
7	Generate Tech Support	
	File	
		Generate Tech Support File
		Click
		ves
Н		
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Select
		Device Control of the
		>
		Dynamic Updates
		and check which
		Applications
		or .
	Ensure that Each Firewall	Applications and Threats
	in the HA Pair is Running	to determine which update is Currently Installed.
٥	the Latest	Make sure firewalls are running the latest or minimum version required content release version or a later version required for PAN-OS
		10.1.14h9
	Version	
		Locate and
		Download
		the desired content release version
Н		Install the update on both peers Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Enter command
	Verify the Available Disk	
	Space	
		show system disk-space Ensure that both peers have sufficient disk space for optimal performance.
Н		insure unit bour peers (PA Active-Primary and PA Active-Promary) and GUI (Browser): Login to both peers (PA Active-Primary and PA Active-Promary) and GUI (Browser):
		Select
		Device > Troubleshooting
	Verify Connectivity	
	from the	Choose
	Interface to	Update Server Connectivity
	the Update Server	opulate Server Commentary,
		from dropdown option >
Щ		Execute
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):
		Select
	Capture the	Device Control of the
11	Device Cortificato	
		Setup
		Capture
		Device Certificate
		-Check List Palo Alto

UPGRADE PANORAMA PAN-OS FROM 10.1.11h5 to 10.1.14h9

Activity Of Changes - UPGRADE PANORAMA PAN-OS FROM 10.1.11H5 TO 10.1.14H9 No Task Login to the Panorama via GUI (Browser): Select Panorama Software Locate 10.1.14-H9 image version and click Install Wait until the installation complete Install PAN-OS 10.1.14-H9 on Panorama If it appears prompted to reboot, click Yes appears prompted to reboot, select Panorama Setup Device > Click Reboot Device Login to the Panorama via GUI (Browser): Select Commit the Panorama managed configuration to all managed devices. Wait until the process Commit Configuration complete Managed Device > Summary Total Duration of Upgrade Panorama PAN-OS from 10.1.11h5 to 10.1.14h9

Activity Of Changes - UPGRADE PALO ALTO FIREWALL PAN-OS FROM 10.1.11H5 TO 10.1.14H9 Login to the PA Active-Primary peer via GUI (Browser): Select High Availability Election Settings sable (clear) the etting Click For active/active firewalls, it doesn't matter which peer you upgrade first. Login to the Active-Primary peer via GUI (Browser): Suspend the
Active-Primary
HA Peer Operational Commands Click Suspend local device for high availability In the bottom-right corner, verify that the state is **suspended** Verify that
Users Able
to Access
the Internet
and Other Check and make sure that the user can access the internet and other applications that are needed. For example: Do ipconfig, ping and traceroute 8.8.8.8 and access the site https://whatismyipaddress.com/Take a screenshot for documentation purposes. Application Login to the suspended peer via GUI (Browser): Select Device Software Locate 10.1.14-H9 image version and click Install Wait until the installation complete Install PAN-OS 10.1.14-H9 on the If it appears prompted to reboot, click Suspended HA appears prompted to reboot, select Device Setup Operations > Click Reboot Device

Society Soc	I		Login to the suspended peer via GUI (Browser):
Exclusive Control of the Control of			
Section 1			select
Secretary of the control of the cont			Dashboar
March Marc			d
Age to the secretarial personal Code (Instead Communication) Applications of the control of the			Market
### Authorities ### Au		s in Sync with	verity:
Work of the control o	ı	he Peer	
Work of the control o			
Work of the control o			
Work of the control o			
Work of the control o	1		login to the suspended peer via GUI (Browser):
Part			
May A Articularity Parameter of Comments And board device functional for high consistability And board device function place of the device function of the device functi			
Services Fig. 1975 F			Device
Services Fig. 1975 F			
Services Fig. 1975 F			High Availability
Security of Securi			
Service of the proposed of the population of the play and a first all device functional for high worldwilding of the population of the play and the			
Scale Scale and served in fractace of fire table as excitability Scale and served in fractace of fire table as excitability Scale and served in the served in the served in the produced in producing the burning Grody, paties in the regis Assistability Scale and Scale			Operational Commands
And to clear forcing functional for high availability And to clear forcing functions and find its action And to clear forcing functions and production to synchronizing the functional Config paths in the high availability widget Service Production for the configuration of the Configuration of the Configuration of the Configuration of the Configuration Production Producti			Click
See the state of the content of the			
Active Absoration of March Service Community April 10 to the Active Arthropy goes via 0.00 all recovers to the Social Active and the Hystering Centing Active and the Arthropy Centing Active and Arthropy Ce			
wite of the New Assert contracts protein Section 1999 per vision 50 closes of the Passer proteins of Schild Proteins part of S			In the bottom-right corner, verify that the state is
Author the Activity-investigation of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity			Active-Secondary
Author the Activity-investigation of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Author the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity of the Activity of the Control (Activity) Activity of the Activity			Wait for the HA peer running configuration to synchronize (in the Dasbhoard, monitoring the Running Config status in the High Availability widget)
Saccio Accidente Appliant Assistability Accidente	1		
Projection The Association of the Common and Section of the Section of the Common and Section of the Section of t			
Fig. Availability Appear Derestand Commands So personal Commands So p			
Secretion Secret			Device
Secretion Secret			
Secretion Secret			High Availability
Section Section Commands Color	ı		
Supposed forced device for high availability show to be become night conner, verify that the state is supposed. See a state of the conner of the conner of the internet and other agricultions that are needed. See a state of the conner of the conner of the internet and other agricultions that are needed. See a state of the conner of the conner of the internet and other agricultions that are needed. See a state of the conner of the conner of the internet of the conner of the internet of the conner	7	Active-Primary	
very that Surp Andre S		HA peer	Operational Commands
very that Surp Andre S			Click
with the term of term of the term of term of the term of the term of the term of the term of term			
Nearly Has			
Werfy that Users Alba (heck and make sure that the user can access the intermet and other applications that are needed. So Access Page 2 Access A			In the bottom-right corner, verify that the state is
Speak Author Spea			suspended
Speak Author Spea			
For example, the proofing, any and its receives 8.8.8 and access the use integracy/who compropositions comply Applications Device Software Incomplete mad APACS In the state mad APACS In the state mad apace mad apace mad apace mad APACS In the state mad apace mad APACS In the state mad APACS Mad AP			
The laters of the subject to the suspended per section of the concentration of the concentrat			Check and make sure that the user can access the internet and other applications that are needed.
Agoint to the suspended peer via GUI (Browser): Solitarian Device Page			For example: Do ipconfig, ping and traceroute 8.8.8.8 and access the site https://whatismyipaddress.com/
Select S			rake a screensing for updatilent autom purposes.
Select Device Software Locate 10.114-19 Image-person and click Install Wat until the installation S complete If appears prompted to reboot, click If appears prompted to reboot, select Device Setup Oevice Operations Click:	Ħ	пррпсацопз	Login to the suspended peer via GUI (Browser):
Device Software Locate 10.1.1.4.H9 Interest of the installation Social and Plot-Ci Point accurate If it appears prompted to reboot, click Point gapears prompted to reboot, select Device Device Operations Click Device Operations Click			
Software Cocate 10.1.14 H9 Image version and click Install Wait until the installation Siscomplete Install PARCE Instal			select
Locate 10.1.4-H9 Image version and click Install Walt until the installation Is complete d Install (H)			Device
Locate 10.1.4-H9 Image version and click Install Walt until the installation Is complete d Install (H)			
Locate 10.1.4-H9 Image version and click Install Walt until the installation Is complete d Install (H)			Software
Internal Park of the Complete			
Image version and click Install Wait until the installation Is complete d fit appears prompted to reboot, click Fit appears prompted to reboot, click Fit appears prompted to reboot, select Device Polymery IA Setup Setup Device Operations - Click			locate
Install Wait until the installation Install Wa			10.1.14-H9
Install Wait until the installation Install Wa			image version and click
Wait until the installation install PAN of complete install PAN of 10.11.14.99 If it appears prompted to reboot, click onthe active primary Ha. A not appears prompted to reboot, select poet complete onther primary Ha. A not appears prompted to reboot, select Device > Setup Device Operations > Click			
is complete d d testal PANCS 10.1.14+99 If it appears prompted to reboot, click 9 on the active peer If it not appears prompted to reboot, select: Device Setup Covice Operations Click			Install
InstalPAN-OS InstalPAN-OS If it appears prompted to reboot, click If it peer If it not appears prompted to reboot, select Device Device Operations > Click			Wait until the installation
InstalPAN-OS InstalPAN-OS If it appears prompted to reboot, click If it peer If it not appears prompted to reboot, select Device Device Operations > Click			is .
InstalPAN-OS InstalPAN-OS If it appears prompted to reboot, click If it peer If it not appears prompted to reboot, select Device Device Operations > Click	1		complete
10.1.4-H9 primaryHA peer ff it appears prompted to reboot, click 9 on the active primary HA peer ff it not appears prompted to reboot, select Device > Setup > Click Device Operations Science Science Operations Science			Complete
10.1.4-H9 primaryHA peer ff it appears prompted to reboot, click 9 on the active primary HA peer ff it not appears prompted to reboot, select Device > Setup > Click Device Operations Science Science Operations Science			d
primary HA peer		10.1.14-H9	If it appears prompted to reboot, click
peer if it not appears prompted to reboot, select Device Setup Device Operations Click		on the active-	
not appears prompted to reboot, select Device Setup Device Operations Click	9	Jillial y IIA	
appears prompted to reboot, select Device Setup Device Operations Click	9		If it
Device > Setup > Device Operations > Click	9		
Device > Setup > Device Operations > Click	9		int.
> Setup > Device Operations > Click	9		
> Device Operations > Click	9		appears prompted to reboot, select
> Device Operations > Click	9		appears prompted to reboot, select
Operations > Click	9		appears prompted to reboot, select
Operations > Click	9		appears prompted to reboot, select Device >
Operations > Click	9		appears prompted to reboot, select Device >
Operations > Click	9		appears prompted to reboot, select Device >
> Click	9		appears prompted to reboot, select Device >
> Click	9		appears prompted to reboot, select Device Setup
> Click	9		appears prompted to reboot, select Device Setup
	9		appears prompted to reboot, select Device Setup Device
Reboot Device	9		appears prompted to reboot, select Device Setup Device Operations
· · ·	9		appears prompted to reboot, select Device Setup Device Operations
	9		appears prompted to reboot, select Device Setup Device Operations Click

		Login to suspended peer via GUI (Browser):
		Select
		Device
		>
		High Availability
	Restore HA Functionality	
10	to the Active-	Operational Commands
	Secondary HA peer	Click
		Make local device functional
		for high availability
		In the bottom-right corner, verify that the state is
		Active-Secondary
Н		Wait for the HA peer running configuration to synchronize (In the Dashhoard, monitoring the Running Config status in the High Availability widget)
		Login to the Active-Primary peer via GUI (Browser):
		Select
		Device
		High Availability
		On
		Election Settings
	Re-enable	erection settings
	Preemption	
	on the HA Peer where it	enable
	was Disabled	
	in the Previous Step	check
) the
		Preemptive
		setting
		Click
		οκ
		Commit
Н		Note: if the previous existing condition was not enabled preemptive setting, then it can be ignored for this step
		Login to the active-primary peer via CLI/SSH:
	Verify that	Enter command:
12	Both Peers are	
	Passing Traffic as Expected	
Ц		
		Login to Panorama via GUI (Browser):
		Select
		Panorama
		b .
13	Verify Status Palo Alto on	Managed Devices
	Panorama	,
		Summary
		or
Ш		Health
Tota	l Duration U	pgrade PAN-OS from 10.1.11h5 to 10.1.14h9

PC	ST-CHECK ACTIVITY								
	st-Check Activity			Duration	Service		Actual Time	Actual Time	
No	Task Description	Task Login to Panorama via GUI (Browser) :			Impact	Expected Result	Start	End	Remark
1	Re-Apply the Latest Applications and Threats Version	Select Panorama Dynamic Updates Click Check Now Install the available latest Applications and Threats version Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Select Device Dynamic Updates Click Check Now Install the available latest Applications and Threats	Compnet	10 min	No	The latest Applications and Threats version is installed			
		version							
2	Verify that Users are Able to Access the Internet and Other Applications	Check and make sure that the user can access the internet access and other applications that are needed. For example: Do ipconfig. ping and traceroute 8.8.8.8 and access the site https://whatismyipaddress.com/ Take a screenshot for documentation purposes.	Compnet	5 min	No	Users can access the internet and other applications			
3	Capture the General Information	Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Select Dashboard Capture the output of General Information menu	Compnet	2 min	No	General Information was successfully captured			
4	Capture the High Availability Status	Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Select Dashboard Capture the output of High Availability menu Verify on both peers: PAN-3260-01 as Active- Primary unit PAN-3260-02 as Active- Secondary Unit Running Config is Synchronized App Version, Threat Version, Antivirus Version, PAN-OS Version, and GlobalProtect Version status are Match HA1, HA1 Backup, HA2, and HA3 status are UP	Compnet	2 min	No	The High Availability status has been successfully captured HA Status in Normal state			
5	Capture the Licenses Menu	Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser): Select Device > Licenses	Compnet	2 min	No	License successfully captured			

_								
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):						
		Select						
		Device						
		>						
		Setup						
		>						
		Operations		10 min		The backup was successfully performed and saved locally		
6	Save a Backup of the Current Configuration File	Click	Compnet		No			
		Export named configuration snapshot						
		Choose "						
		running-config.xml						
		"						
		from dropdown option						
		> click						
		ок						
H		Login to Panorama via GUI (Browser):						
		Select		5 min		General & Managed Devices Information was successfully captured		
7	Capture the General Information & Managed Devices		Compnet					
	formation	Dashboard	·					
		Capture the output of General Information menu & Managed Devices Information menu						
Γ		Login to Panorama via GUI (Browser):						
		Select		5 min		Managed Devices Summary has been successfully captured Status Shared Policy & Tempate in Sync		
		Panorama > Managed Devices > Summary						
		Capture the output of						
		Summary	Compnet					
		menu						
8	Canture Managed Devices Summany							
		Shared Policy in						
		Shared Policy In						
		Synchronized						
		Template in						
		Synchronized						
r		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI				The Device Certificate on both peers are valid status		
		(Browser):						
ı		Select						
		Device	Compnet					
9	Capture the Device Certificate	>		2 min				
ı		Setup						
		Capture						
		Device Certificate						
ļ.,	otal Duration Post-Check Activity			43 min	urtes			_
10	al Duration Post-Check Activity 43 minutes							

TASK	BEFORE	AFTER
Check PAN-OS Version	10.1.11H5	10.1.14H9
Check HA Status	Running Config is Synchronized App Version, Threat Version, Antivirus Version, PAN-OS Version, and GlobalProtect Version status are Match HA1, HA1 Backup, HA2, and HA3 status are UP	ACTIVE – ACTIVE Running Config is Synchronized App Version, Threat Version, Antivirus Version, PAN-OS Version, and GlobalProtect Version status are Match HA1, HA1 Backup, HA2, and HA3 status are UP
Traffic from User to Internet	no issue	no issue
Check status Palo Alto on Panorama	CONNECTED	CONNECTED

DOWNGRADE

PANORAMA PAN-OS FROM

10.1.14H9 TO 10.1.11H5

```
Activity Of Changes - DOWNGRADE PANORAMA PAN-OS FROM 10.1.14H9 TO 10.1.11H5
No Task
               Task Description
                 Login to Panorama via GUI (Browser):
                 Select
  Save a
Backup of
the Current
Configuration
                 Operations
                 Click
                  Export named configuration snapshot
                  Login to the Panorama via GUI (Browser):
                 Select
                  Panorama
                 Software
                  Locate
                 10.1.11H5
                  image version and click
                 Install
                 Wait until the installation
                 complete
                 If it appears prompted to reboot, click
   Install PAN-OS
10.1.11H5 on
the Panorama
                 appears prompted to reboot, select
                 Panorama
                 Setup
                 Device
                 Operations
                 > Click
                 Reboot Device
                 Login to the Panorama via GUI (Browser):
                 Select
                 Commit and Push
                 Push
                  the Panorama managed configuration to all managed devices.
   Commit
Configuration Wait until the process
                 complete
                 Check
                  Managed Device > Summary
                 Makesure Shared Policy & Template in symc
 otal Duration Downgrade PAN-OS Panorama from 10.1.14H9 TO 10.1.11H5
```

10.1.14H9 TO 10.1.11H5

	Activity Rollback - DOWNGRADE PALO ALTO PAN-OS FROM 10.1.14H9 TO 10.1.11H5							
		Login to both peers (PA Active-Primary and PA Active-Secondary) via GUI (Browser):						
		Select						
	Save a Backup of the Current Configuration File	Device						
		Setup						
		>						
		Operations						
		- Click						
		Export named configuration snapshot						
		Choose "						
		running-config.xml						
		from dropdown option						
		> click						
		ок						
Г		login to the PA Active-Primary peer via GUI (Browser):						
		Select						
		Device						
		>						
		High Availability						
		Election Settings						
		action settings						
	Makesure and Disable							
	Preemption							
		isable						
		(clear) the						
		Preemptive						
		setting						
		Click						
		ок						
		Commit						
Γ		For active/active firewalls, it doesn't matter which peer you upgrade first. Login to the Active-Primary peer via GUI (Browser):						
1								
1		Select						
l		Device Control of the						
3								
	Suspend the	High Availability						
	Active-Primary							
1		Operational Commands						
		Click						
		Suspend local device for high availability						
L								
l	Verify that Users Able to							
4	Access the	Check and make sure that the user can access the internet and other applications that are needed. For example: Do ipconfig, ping and traceroute 8.8.8.8 and access the site https://whatismyipaddress.com/						
	Other	Take a screenshot for documentation purposes.						
	Applications							
L								

_		
		Login to the suspended peer via GUI (Browser):
		Select
		Device Control of the
		Software
		Locate
		10.1.11H5
		image version and click
		install (install install insta
		Wait until the installation
		is
		complete
		d .
	Install PAN-OS 10.1.11H5 on	If it appears prompted to reboot, click
	the Suspended HA Peer	Yes .
		fit
		not
		appears prompted to reboot, select
		Device Control of the
		Setup
		Device Control of the
		Operations
		> Click
		Reboot Device
		Login to the suspended peer via GUI (Browser):
	Verify the	Select
		Dashboard
	Sync with the	Verify:
	Peer	
		Login to the suspended peer via GUI (Browser):
		Select
		Device Control of the
		High Availability
,	Restore HA Functionality to	
•	the Primary HA Peer	Operational Commands
		Click
		Make local device functional for high availability
		in the bottom-right corner, verify that the state is
		Active-Secondary
		Wait for the HA peer running configuration to synchronize (In the Dasbhoard, monitoring the Running Config status in the High Availability widget)
		Login to the Active-Primary peer via GUI (Browser):
		Select
		Device Control of the
8	Active-Primary	High Availability
	HA peer	
		Operational Commands
		Click
		Suspend local device for high availability
-		In the bottom-right corner, verify that the state is suspended
	Verify that	
9	Users Able to	Check and make sure that the user can access the internet and other applications that are needed.
	Access the nternet and	For example: Do ipconfig, ping and traceroute 8.8.8.8 and access the site https://whatismyipaddress.com/ Take a screenshot for documentation purposes.
	Other Applications	

1		Login to the suspended peer via GUI (Browser):
		Select
		Device
		>
		Software
		Locate
		10.1.11H5
		image version and click
		install
		Wait until the installation
		is
		complete
	Install PAN-OS	d d
	10.1.11H5 on the active-	If it appears prompted to reboot, click
	primary HA peer	Yes
		lf it
		not
		appears prompted to reboot, select
		Device
I		>
		Setup
		>
		Device
		Operations
		> Click
		Reboot Device
		Login to suspended peer via GUI (Browser):
		Select
		Device
		High Availability
		Operational Commands
		Click
F	Restore HA	Make local device functional
	the Active-	for high availability
	Secondary HA peer	In the bottom-right corner, verify that the state is
F		Active-Secondary
I		
1		
Į		

12	Re-enable Preemption on the HA Peer where it was Disabled in the Previous Step	Exercise Commit Description of the Active-Primary peer via GUI (Browser): Select Description A part of the Active Primary peer via GUI (Browser): Selection Settings Sending Selection Selection Settings Sending Selection Selection Settings Selection Setting
13		Login to the active-primary peer via CLI/SSH: Enter command:
14	Panorama	Login to Panorama via GUI (Browser): Select P anorama > Managed Devices > Summary or Health
Tot	al Duration Do	wngrade PAN-OS Palo Alto from 10.1.14H9 TO 10.1.11H5