Virtual Host Upgrade Checklist
for Version 10.6.6.x to 11.2

RSA NETWITNESS® PLATFORM

Task	Description	√
	Prepare for Upgrade	
1.	Download **RSANW-11.2-VirtUpgradeGde.pdf** from RSA Link and review it. a. Be aware of the unsupported components and services in 11.x. b. Carefully read the sections on Event Stream Analysis (ESA) Upgrade Considerations and Investigate in Mixed Mode. c. Review the new required ports .	
2.	Be aware of the hardware, deployments, services, and features not supported in 11.1.	
3.	Make sure Data Retention run interval is ≥ 24 hours so Respond service will activate in 11.2.	
4.	Perform the upgrade preparation tasks for the features you use. **Caution:** Make sure that you implement and test the new ports so that upgrade does not fail due to missing ports.	
5.	Create CentOS 6 external host to save backup tar files.	
6.	Download the `nw-backup-v4.0.zip` file from RSA Link (https://community.rsa.com/docs/DOC-81514) an extract the files to an external host.	
7.	Execute `get-all-systems.sh` and `ssh-propagate.sh` script from external host.	
8.	Preserve a copy of the `get-all-systems-master` file for future reference.	
9.	Execute `nw-backup.sh` in `TEST` mode to evaluate the space requirements from external host (for example: `nw-backup -t -l -D`).	
10.	Review the back up options for `nw-backup.sh` by displaying the help menu (`nw-backup.sh -h`) .	

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Task	Description	√
Migrate Disk Drives		
11.	Back up data in 10.6.6.x virtual machines (VMs).	
12.	Download 11.2 OVA from RSA Link.	
13.	Deploy the same 10.6.6.x VM stack in 11.2.	
14.	Power off both 10.6.6.x VM and 11.2 VM .	
15.	Copy VMDK files from the 10.6.6.x and add them to 11.2 OVA deployed in step 12.	
16.	Retain the MAC Address of upgraded SA Server VM.	
17.	Remove 10.6.6.x VM from inventory (Do not delete the VM).	
18.	Power on 11.2 VM.	
19.	Mount the file system from VMDK.	
20.	Restore Backup data in 10.6.6.x to 11.2 VMs.	
Phase 1 - Set Up NW Server, Event Stream Analysis, Malware Analysis, and Broker or Concentrator Hosts		
21.	Update the contents of the `all-systems` so they consist of SA, ESA's, MA and Broker/Concentrator backup data.	
22.	For ESA hosts, reset the Mongo Database admin password to 'netwitness' if it contains special characters .	
23.	Execute `nw-backup.sh` with `-u` flag for all Phase 1 hosts and confirm that it completes with no errors.	
24.	If your environment has multiple ESA appliances, designate a primary ESA (Where the Context Hub service is running) and copy `mongodb.tar.gz.*` files from the secondary ESAs to designated primary ESA default backup path.	
25.	Confirm that backup tar files are saved locally and remotely.	
26.	Set up the 10.6.6.x SA Server host to 11.2 NW Server host by running the `nwsetup-tui` program on the host.	
27.	Install the ESA, Malware Analysis, and Broker or Concentrator services in the NetWitness 11.2 User Interface.	

Task	Description	√
Phase 2 - Upgrade All Other Hosts		
28.	Update the contents of the `all-systems` so they consist of Phase 2 host backup data.	

Task	Description	√
29.	Execute `nw-backup.sh` in `TEST` mode to evaluate the space requirements from external host (for example: `nw-backup -t -l -D`).	
30.	Execute `nw-backup.sh` with `-u` flag for all Phase 2 hosts and confirm that it completes with no errors.	
31.	Confirm that backup tar files are saved locally and remotely.	
32.	Set up the all othe hosts host to 11.2 NW Server host by running the `nwsetup-tui` program on the host.	
33.	Install the host service in the NetWitness 11.2 User Interface:	
Preform Post Upgrade Adjustments		
34.	Perform the post upgrade tasks for the features you use.	

Revision History

Revision	Date	Description	Author
1.0	11-Sep-18	General Availability(GA)	IDD