

## **RingStor Cloud – VMware Backup Check List**

RingStor DataAgent provides two options to backup virtual machines in VMware environment, backup via ESXi and backup via vCenter.

## Backup via ESXi:

## 1. Enable SSH on Security Profile in ESXi

Log into vSphere Client desktop console with proper user, click on the ESXi server on left. On right pane, click Configurations, Security Profile as show below:

3 192.168.0.110 - vSphere	e Client	And and a state of the state of		The Avenue Avenue	and summer and the second		
File Edit View Invento	ry Administration Plug-ins Help						
🖸 🖾 🔥 Home	🕨 🚓 Inventory 👂 🎁 Inventory						
5 6							
E 192.168.0.110	vmwareesxi.mvhome.westell.com	/Mware ESXi, 5.5.0, 2068190   Ev	aluation (Expired)				
vm1.local	Getting Started Summary Virtual I	Machines Resource Allocation Per	formance Configuration Local Use	rs & Groups Events Permissions			
wm3.local	Hardware	Security Profile					
wm4.local	Health Chatus	Services				Refresh	Properties
	Processore	I/O Redirector (Active Dire	ectory Service)				
	Memory	snmpd					
	Storage	Network Login Server (Act	tive Directory Service)				
	Networking	voxa					
	Storage Adapters	ESXi Shell					
	Network Adapters	xorg					
	Advanced Settings	Local Security Authenticat	ion Server (Active Directory Service)				
	Power Management	NTP Daemon					
		SSH					
	Software	Direct Console UI					
	Licensed Features	CIM Server					
	Time Configuration	Firewall				Refresh	Properties
	DNS and Routing	Incoming Connections	000 (700)				
	Authentication Services	NFC	902 (TCP)	All			
	Virtual Machine Startup/Shutdown	CIM Server	5988 (TCP)	All			
	Virtual Machine Swapfile Location	CIM Secure Server	5989 (TCP)	All			
	<ul> <li>Security Profile</li> </ul>	DNS Client	53 (UDP)	All			
	Host Cache Configuration	vMotion	8000 (TCP)	All			
	System Resource Allocation	SNMP Server	161 (LDP)	All			
	Agent VM Settings	CIM SLP	427 (UDP.TCP)	All			
	Advanced Settings	cmmds	12345,23451 (UDP)	All			
		ipfam	6999 (UDP)	All			
		Fault Tolerance	8100,8200,8300 (TCP,UDP)	All			
		vsanvp vSobere Client	8080 (TCP) 902 443 (TCP)	All			
		DVSSvnc	8301.8302 (UDP)	All			
		DHCP Client	68 (UDP)	All			
		SSH Server	22 (TCP)	All			
		vSphere Web Access	80 (TCP)	All			
		CTM SLP	477 (LIDE TCE)	All			
		rdt	2233 (TCP)	All			
		DVSSync	8302,8301 (UDP)	All			
	4	and all i	F2 (100 TC0)				
Recent Tasks					Name, Target or Status contains:	•	Clear
Name	Target Status Deta	ils Initiated by Requeste	d Start Ti 🗁 🛛 Start Time	Completed Time			
Delete file	Completed	root 1/12/2016	5:53:00 AM 1/12/2016 5:53:00 AM	1/12/2016 5:53:01 AM			
Delete file	Completed	root 1/12/2016	5:52:41 AM 1/12/2016 5:52:41 AM	1/12/2016 5:52:41 AM			
Delete file	Completed	root 1/12/2016	5:52:30 AM 1/12/2016 5:52:30 AM	1/12/2016 5:52:30 AM			
						Concernance of	THE OWNER WHEN THE PARTY OF

Then click Properties to bring up this screen:



ccessing services on remote hosts. Inless configured otherwise, daemo	ns will start automatically.	
Label	Daemon	*
I/O Redirector (Active Directory S	Stopped	
snmpd	Running	
Network Login Server (Active Dire	Stopped	
lbtd	Running	=
vpxa	Running	- 900° - 1
ESXi Shell	Stopped	
xorg	Stopped	
Local Security Authentication Serv	Stopped	
NTP Daemon	Stopped	
vprobed	Stopped	
SSH	Running	-
Service Properties General Service: SS	1	
Package Information: es Th	-base VIB contains all of the base functionality of vSp	ihere ESXI.

If SSH is not running, select SSH, click Options:



Running				
itartup Policy				
Start automatic	ally <mark>i</mark> f any ports are	open, and stop wh	en all ports are d	osed
Start and stop v	vith host			
Start and stop r	nanually			
ervice Commands	-			
Start	Stop	Restart		

Select "Start and stop with host" and click OK to save.