

## **RingStor Cloud – Backup via SSL Connection**

# Following are steps to configure RingStor for backup via SSL (Secure Socket Layer) connection for enhanced security.

#### 1. RingStor Cloud End Point (CEP)

Make sure allocate a port as SSL port for CEP. CEP will automatically detect and choose cipher suite for SSL connection.

Use notepad to open <CEP install folder>\conf\cloud.properties file, add follow lines into this file:

sslenabled=1
sslport=<allocated SSL port>
sslthreadpoolsize=200

Save the file, and restart CEP service.

Please note the regular port (default to 9000) is still needed for other RingStor components.

#### 2. Enable RingStor DataAgent with SSL Backup

#### 2.1 For Existing DataAgent

From RingStor Explorer, locate the DataAgent, right click to open Properties window:

Set cloud\_sslport to the SSL port

Set sslenabled to 3

Click Save.



eneral   Updates   S		Settings		
Runtim	e Settings			
Revie	ew or modif	y DataAgent run	time parameter	
Property		Value	Description	
aliyunenabled		0	Replicate local bai	_
amazons3enabled		d 0	Replicate local bai	1
backupconnectio		. 120	Connection timeou	Ī
batchsizekb		1024	Max buffer size in ł	
checkbandwidthb		0	Before backup sta	
cleantaskfiles		0	Clean intermediate	
cloud_sslport		447	Cloud ssl port	
combineblockate		0	Restore all blocks	
dodrivesnapshot		1	Snapshot the drive	
enableautoupdate		9 1	DataAgent auto up	
enablefilededup		0	File level deduplic:	
•		m		

### 2.2 For New DataAgent

At time of installation, select "This is secure socket layer (SSL) connection" as shown below:



👥 Setup - RingStor	—	X	
DataAgent Config	uration		
Configure DataAg			
Cloud End Point			
Cloud Hostname:	rswin7		
Cloud Port:	447		
This is secure	socket layer (SSL) connection		
RingStor Login Cre	edentials		
User:	taxservicellc		
Password:	•••••		
RingStor			
		Next >	Cancel

Please make sure Cloud End Point has already been configured with SSL in step 1.