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.

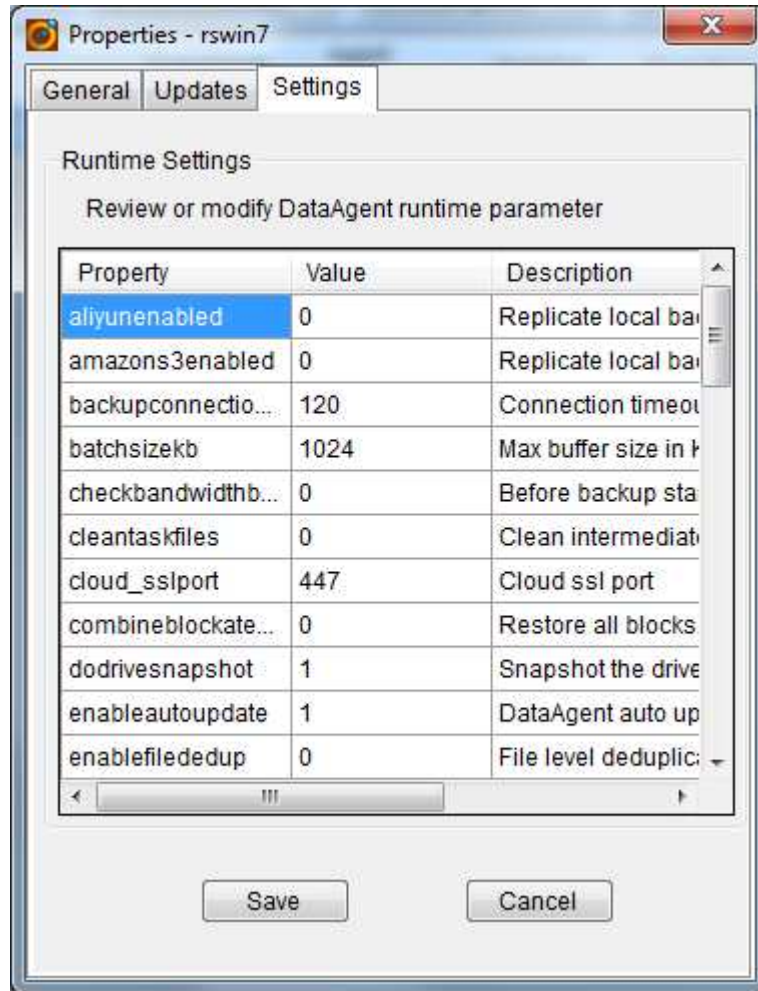2. **Enable RingStor DataAgent with SSL Backup**

    2.1 For Existing DataAgent

    From RingStor Explorer, locate the DataAgent, right click to open Properties window:
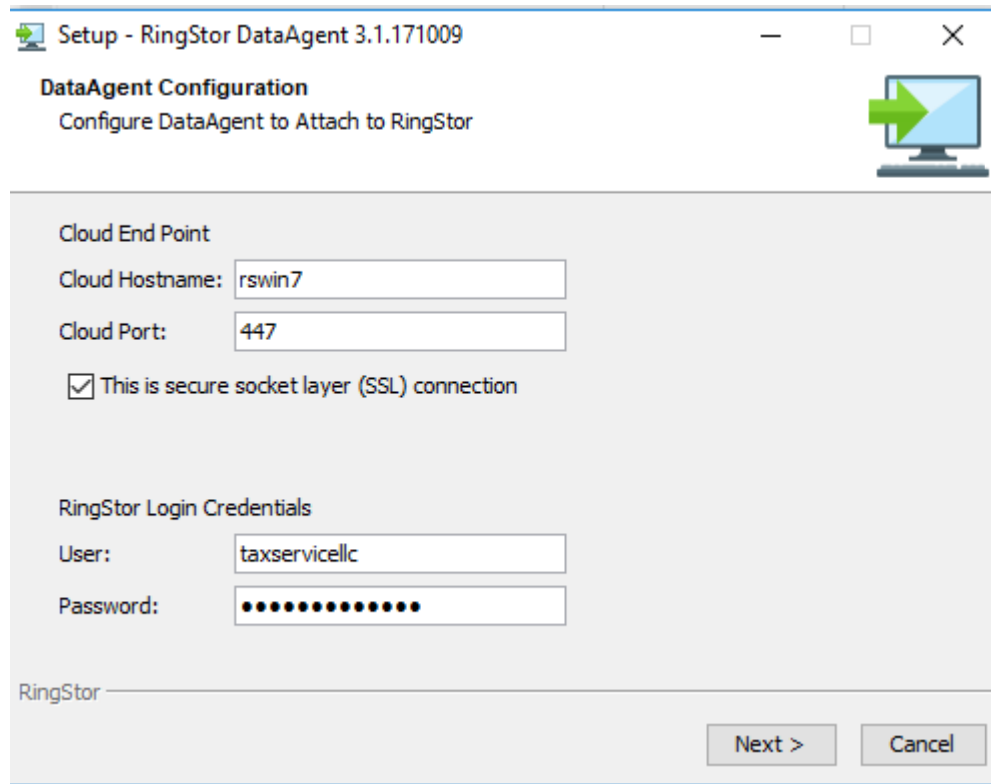
    Set cloud_sslport to the SSL port

    Set sslenabled to 3

    Click Save.

2.2 For New DataAgent

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

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