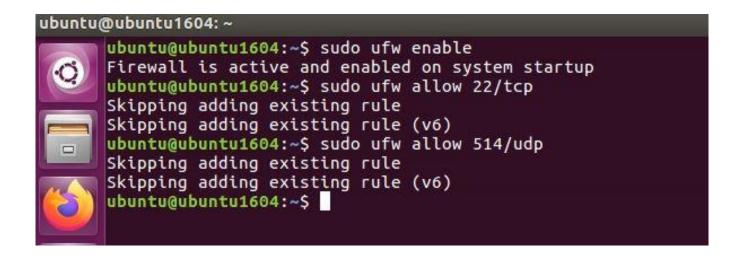
Arcsight Project

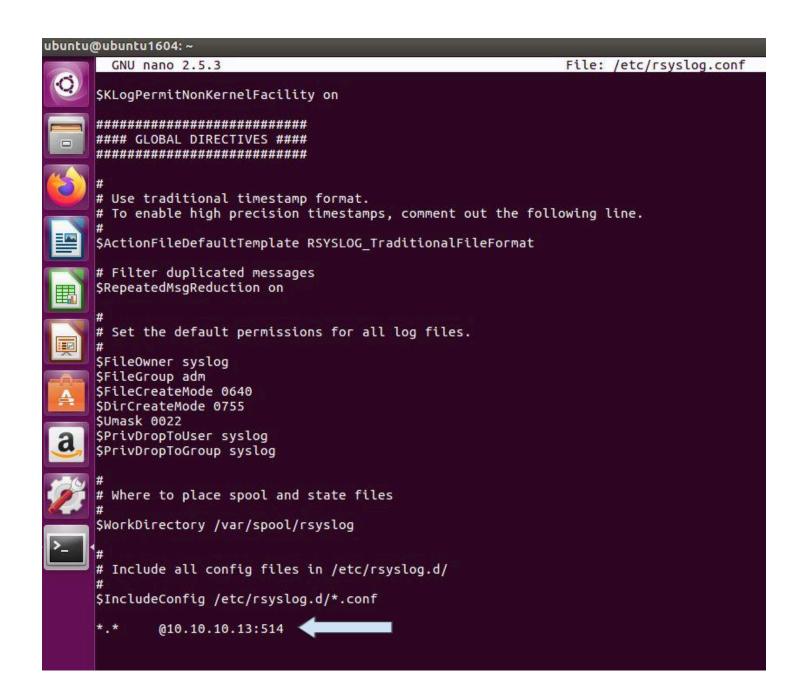
Detecting, Monitoring and Forwarding logs of Ubuntu OS to Arcsight Console

Detecting, Monitoring and Forwarding the Security log, Application logs, Syslog of the Ubuntu desktop system to the SIEM tool Arcsight Console using the Arcsight Smart Native connector version 8.2 installed in Windows OS as a service.

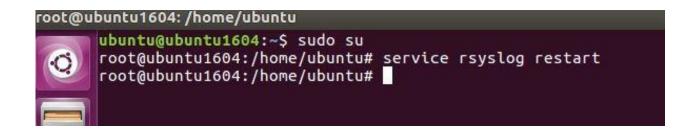
Step 1 - Enter these commands to allow 22/tcp and 514/udp port.



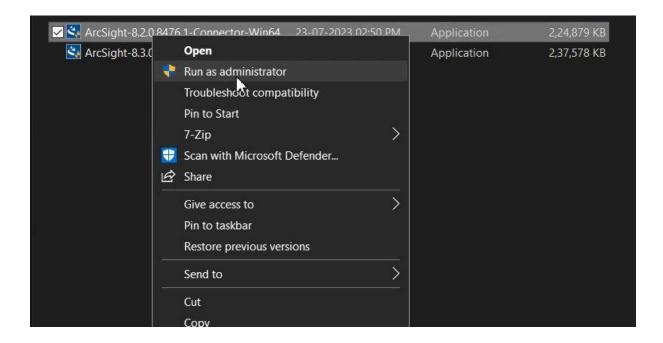
Enter command "sudo nano /etc/rsyslog.conf" to edit the configuration file. In this file add the last line. Enter the IP Address of Windows OS in which we will be installing Arcsight Smart Connector.



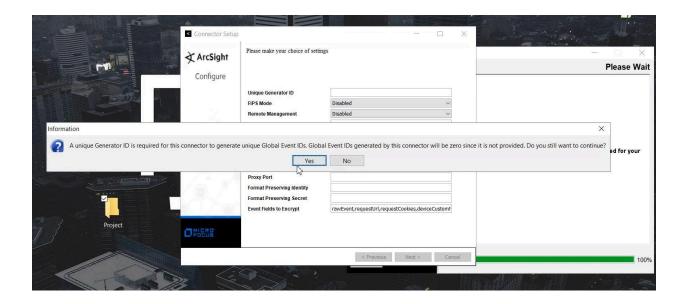
Enter this Commands to restart rsyslog.



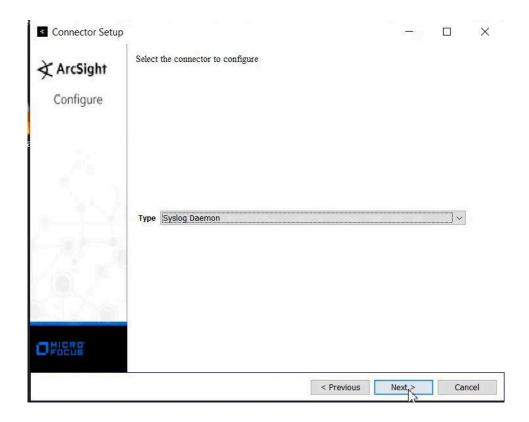
Step 2 -Right Click the Arcsight Smart Connector and click on "Run as administrator"



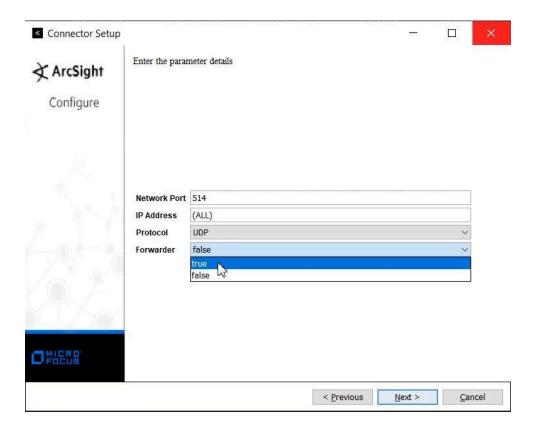
Click on Next → Yes



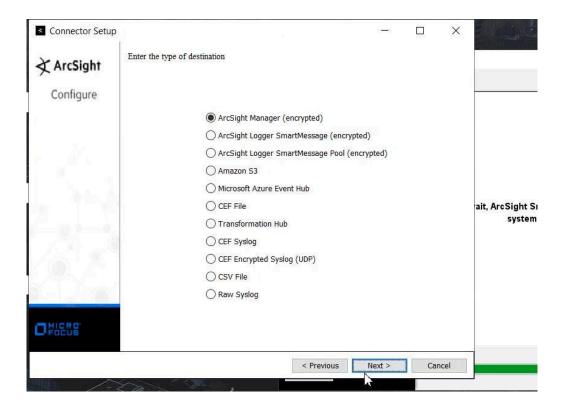
Select the type as "Syslog Daemon"



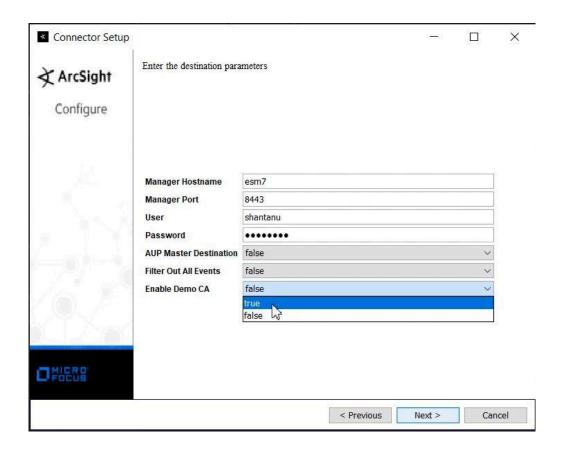
Choose the Options as given below. Select the Forward as (True). Then Next.



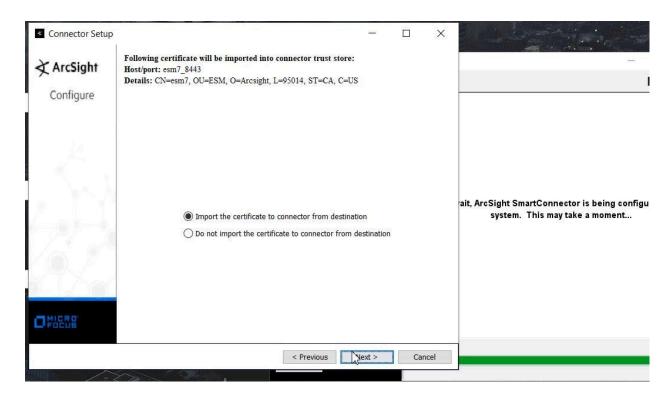
Select the type of destination as "Arcsight Manager (encrypted)". Then Next



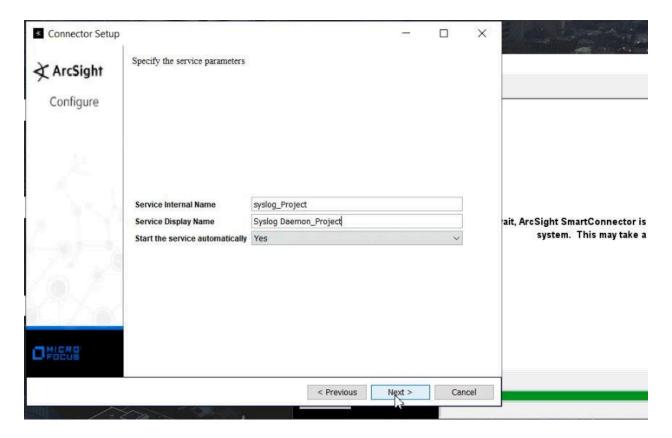
Enter the destination parameters according to your configuration as given below. Select Demo CA as True. Then Next



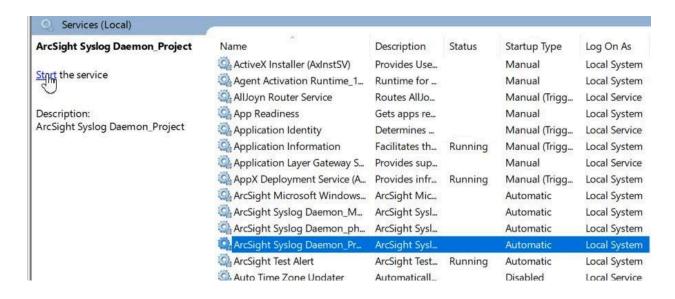
Select the First option. Then Next.



Enter the Service and Display name of service. Then next.



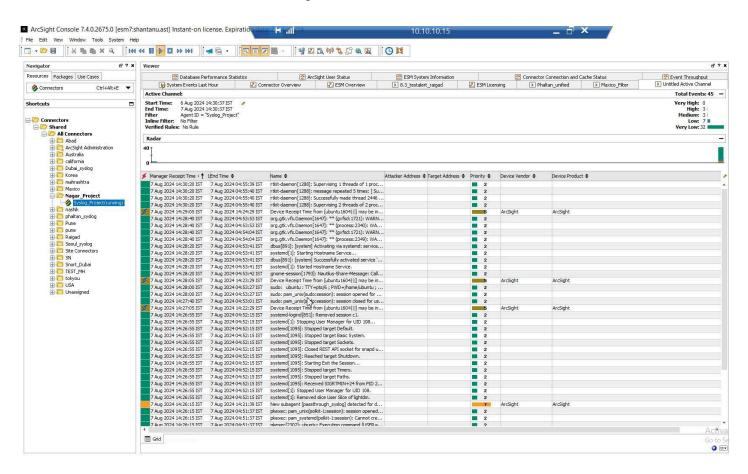
Start the Service by going to services in Windows OS which we created using connector.

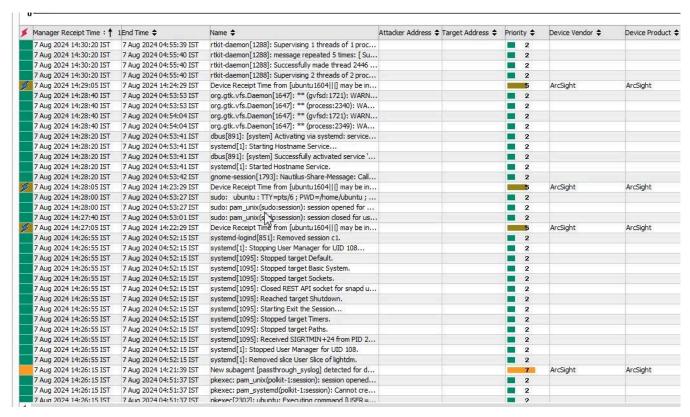


Step 3 - Enter this command in Ubuntu System to check weather the logs are Forwarding.

```
Terminal
  🔞 🗐 📵 ubuntu@ubuntu1604: ~
 ^X^C177 packets captured
 189 packets received by filter
 5 packets dropped by kernel
buntu1604.local. (34)
 04:53:29.000085 IP
                      0.10.13.mdns > 251.0.0.224.in-addr.arpa.mdns: 0 AAAA (QM)
 ? ubuntu1604.local. (34)
04:53:29.993078 IP 10.10.10.1.domain > 10.10.10.16.50811: 3637* 1/0/0 PTR 10.10.
     . (67)
 04:53:30.012727 IP 10.10.10.13.mdns > 251.0.0.224.in-addr.arpa.mdns: 0 A (QM)? u
 buntu1604.local. (34)
                     10.10.13.mdns > 251.0.0.224.in-addr.arpa.mdns: 0 AAAA (QM)
 04:53:30.013201 IP
 ? ubuntu1604.local. (34)
                     10.10.13.netbios-ns > 10.10.10.255.netbios-ns: UDP, length
 04:53:32.348613 IP 1
 04:53:32.349331 IP 10.10.10.13.mdns > 251.0.0.224.in-addr.arpa.mdns: 0 A (QM)? u
 buntu1604.local. (34)
 04:53:32.350116 IP 10
                      0.10.13.mdns > 251.0.0.224.in-addr.arpa.mdns: 0 AAAA (QM)
 ? ubuntu1604.local. (34)
                             .51799 > 224.0.0.252.hostmon: UDP, length 28
 04:53:32.350833 IP
```

Go to Arcsight Console Home Page.In Navigator choose Connector.Find the Connector,right-click and choose start active channel to see logs.





Conclusion

We now have a working Arcsight Console environment using Smart Connector, that will allow us to monitor and create logs within our virtual machines. Setting up these tools from scratch helps you get familiar with both of these tools.