**LINUX SYNTHETIC ACTIVEGATE INSTALLATION STEPS :**

**Set up repositories and install dependencies.**

**1.Register the Red Hat instance**

sudo subscription-manager register --auto-attach

**2.Enable the Red Hat Extras and Optional repositories as well as EPEL (Extra Packages for Enterprise Linux ).**

sudo subscription-manager repos --enable rhel-8-for-x86\_64-baseos-rpms

sudo subscription-manager repos --enable rhel-8-for-x86\_64-appstream-rpms

sudo rpm -Uvh <https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm>

sudo **yum install -y libdouble-conversion nss-mdns**

**Red Hat CodeReady Linux Builder for RHEL 8 x86\_64 (RPMs)**

**3.Install Synthetic engine dependencies**

sudo yum install -y xorg-x11-server-Xvfb xorg-x11-xkb-utils xorg-x11-server-utils xorg-x11-fonts-100dpi xorg-x11-fonts-75dpi xorg-x11-fonts-Type1 libwayland-server mesa-libgbm curl nss-tools

**Follow the below installation steps :**

Step 1:wget -O Dynatrace-ActiveGate-Linux-x86-1.305.73.sh "[https://dxcdynatrace-io.glb.platform.dxc.com/e/ee2f27dc-76ba-482e-8a74-82a438d7bd53/api/v1/deployment/installer/gateway/unix/latest?arch=x86"](https://dxcdynatrace-io.glb.platform.dxc.com/e/ee2f27dc-76ba-482e-8a74-82a438d7bd53/api/v1/deployment/installer/gateway/unix/latest?arch=x86%22) --header="Authorization: Api-Token dt0c01.K2QWV57J7KWNVZC6SGX53KCX.ND5JZKCW5PTNIQ72P45LVSAQI6MNO56KL2WU3RPDIRP2I5BNWLCMKZWMS6VJ2PQE"

Step 2:/bin/bash Dynatrace-ActiveGate-Linux-x86-1.305.73.sh --enable-synthetic

Step 3: **if you are unable to connect to the cluster use the below proxy command**

/bin/bash Dynatrace-ActiveGate-Linux-x86-1.305.73.sh --enable-synthetic SERVER=<https://dxcdynatrace-io-activegate-internal.glb.platform.dxc.com:443/communication>  --ignore-cluster-runtime-info PROXY=proxy-nasa.svcs.entsvcs.com:8088 --set-group="CSC-SP-11\_DXCTCORE01"

Step 4: **if the installation fails due to the chromium package. Follow the manual approach of Chromium download on the server according to AG version.**

curl --output chromium.tgz https://synthetic-packages.s3.amazonaws.com/Chromium/rpm/chromium-130.0.6723.69-1.el8.tgz

[Create a private Synthetic location — Dynatrace Docs](https://docs.dynatrace.com/docs/observe/digital-experience/synthetic-monitoring/private-synthetic-locations/create-a-private-synthetic-location#expand--activegate-version-1-305--16)

Step 5: **Install Chromium**

mkdir /tmp/chromium ; tar xzf chromium.tgz -C /tmp/chromium

sudo yum install -y /tmp/chromium/\*.rpm

Step 6: **After you satisfy the dependencies, run the ActiveGate installer with root rights with the --enable-synthetic parameter set to manual.**

/bin/sh ./Dynatrace-ActiveGate-Linux.sh --enable-synthetic=manual SERVER=<https://dxcdynatrace-io-activegate-internal.glb.platform.dxc.com:443/communication>  --ignore-cluster-runtime-info PROXY=proxy-nasa.svcs.entsvcs.com:8088 --set-group="CSC-SP-11\_DXCTCORE01"