

How to use SNIP for authentication(AAA) server communication?

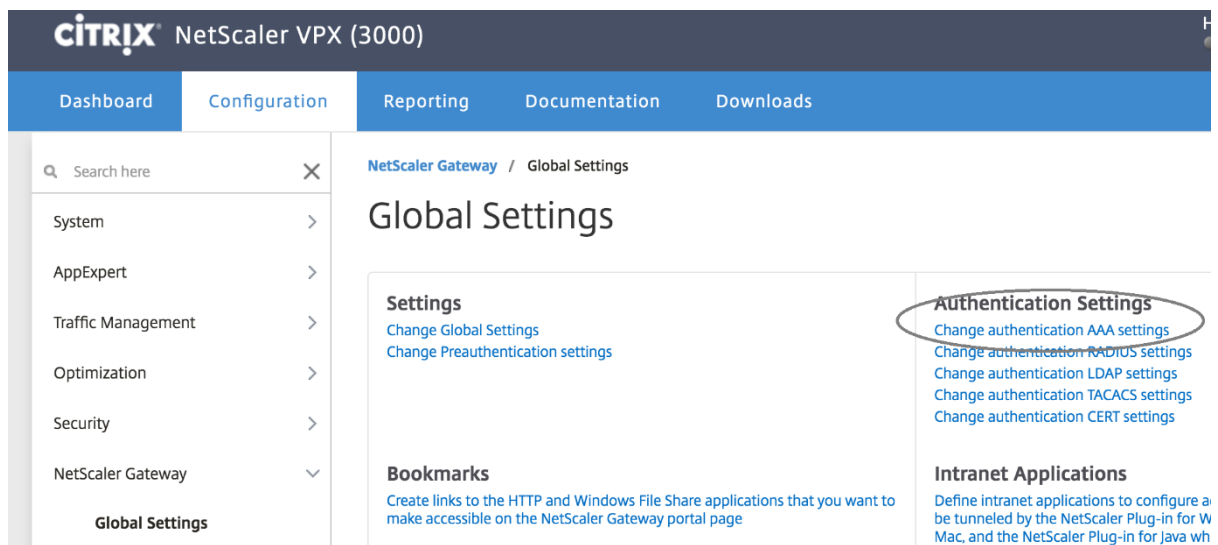
Background

Authentication server communication on NetScaler is by default done using the NetScaler IP (NSIP). So, apart from it being used for management purposes, it is also used as a source IP for LDAP, RADIUS, SAML and similar AAA protocols. But, in some cases, such as a firewall blocking the NSIP or, configuring RADIUS client for NetScaler in HA (high availability) mode, a subnet IP (SNIP) can be used as a Source IP address for traffic that is sent to the authentication server instead of an NSIP. This can be set in NetScaler as discussed below.

Instructions:

A. From the NetScaler GUI

- I. Login to the NetScaler GUI and navigate to the following: **Configuration tab -> NetScaler Gateway -> Global Settings -> Change authentication AAA settings (under Authentication Settings tab)**



- II. Enter the value of SNIP in the NAT IP Address field and click on OK

[←](#) Configure AAA Parameter

Maximum Number of Users
4294967295

Max Login Attempts
[]

NAT IP Address
10 . 102 . 63 . 12

Failed Login Timeout
[] ?

Default Authentication Type*
LOCAL

AAA Session Log Levels
INFORMATIONAL

Enable Static Caching
 Enable Enhanced Authentication Feedback
 Enable Session Stickiness

OK Close

The SNIP has been set for authentication(AAA) server communication.

B. From the CLI

- I. .Open a command line editor and login to the NetScaler
ssh nsroot@<NetScaler IP>
- II. Run the following command
set aaa parameter -aaadnatIp <ip_addr>

```
> set aaa parameter aaadnatIp 10.102.63.12  
Done
```

The SNIP has been set for authentication(AAA) server communication.