

RSA 7.1 Version & Array SPX

RSA Side configuration

Step 1: In the RSA, we need to resolve the SPX host name with the interface IP.

Step 2: We need to get into the RSA console and go to Access TAB and Select the “Authentication Agents” click on “Add New”.

RSA Security Console

Logged in as: **Administrator** | [My Permissions](#) | [My Preferences](#) | [Log Off](#)
Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Authentication Agents

Unrestricted Restricted

All users in the current realm can authenticate.

Security Domain:
SystemDomain

For:
All Unrestricted Agents

Where:
Hostname
starts with

Search

2 found. Showing 1-2.

<input type="checkbox"/>	Authentication Agent	IP Address	Type	Disabled	Security Domain	Notes
<input type="checkbox"/>	an.tatabp.com	202.7.53.49	Standard Agent		SystemDomain	
<input type="checkbox"/>	tatabpsrv33.tatabp.com	202.7.52.37	RADIUS Server		SystemDomain	

0 selected: Enable Go

2 found. Showing 1-2.

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https://tatabpsrv33.tatabp.com:7004/console-am/AuthnAgent.do?action=nvPreAdd

Step 3: Key in the Interface IP address of the SPX, and it should automatically resolve the hostname.
The RSA Server has to automatically resolve the hostname with IP address so you got to work with DNS or create a host entry if it is not resolving.

After the RSA has resolved the hostname to IP address click on Save

RSA Security Console

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Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Authentication Agents [Add New](#) [Help on this page](#)

Unrestricted **Restricted**

All users in the current realm can authenticate on the following unrestricted authentication agents.

Security Domain:
SystemDomain

For:
All Unrestricted Agents

Where:
Hostname
starts with

[Search](#)

2 found. Showing 1-2.

0 selected: [Go](#) Show 25 per page

<input type="checkbox"/>	Authentication Agent	IP Address	Type	Disabled	Security Domain	Notes
<input type="checkbox"/>	an.tatabp.com	202.7.53.49	Standard Agent		SystemDomain	
<input type="checkbox"/>	tatabpsrv33.tatabp.com	202.7.52.37	RADIUS Server		SystemDomain	

0 selected: [Go](#) Show 25 per page

2 found. Showing 1-2.

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Done Trusted sites

RSA Security Console: - Add New Authentication Agent - Microsoft Internet Explorer provided by TATA BP Solar India Ltd.

File Edit View Favorites Tools Help

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Address <https://tatabpsrv33.tatabp.com:7004/console-am/AuthnAgent.do?action=nvPreAdd> Go Links

RSA Security Console Logged in as: **Administrator** [My Permissions](#) | [My Preferences](#) | [Log Off](#)
Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Add New Authentication Agent

Help on this page

Authentication agents provide a secure two-way communication path to and from the RSA Authentication Manager. When a user attempts to gain access to a network resource, the agent receives the authentication request and submits it over a secure line to the Authentication Manager.

Cancel Save Save & Add Another

* Required field

Administrative Control

Security Domain: SystemDomain administrators may manage this authentication agent

Authentication Agent Basics

Hostname: ☐ an.tatabp.com ☐ Existing node: -- Choose One --

IP Address: 202.7.53.49

Protect IP Address: ☒ Prevent auto registration from unassigning IP address

Alternate IP Addresses:

IP Address
<input type="text"/>
<input type="text"/>

Done Trusted sites

In this case, this SPX hostname is an.tatabp.com and the inside interface LAN IP is 202.7.53.49 and the RSA Server is in the same network.

RSA Security Console: - Unrestricted Authentication Agents - Microsoft Internet Explorer provided by TATA BP Solar India Ltd.

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Address <https://tatabpsrv33.tatabp.com:7004/console-am/AuthnAgent.do> Go Links >>

Logged in as: **Administrator** [My Permissions](#) | [My Preferences](#) | [Log Off](#)
 Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Authentication Agents

Add New

Help on this page

Unrestricted Restricted

All users in the current realm can authenticate on the following unrestricted authentication agents.

Security Domain:
 SystemDomain

For:
 All Unrestricted Agents

Where:
 Hostname
 starts with

Search

2 found. Showing 1-2.

0 selected: Enable Go

Show 25 per page

	Authentication Agent	IP Address	Type	Disabled	Security Domain	Notes
<input type="checkbox"/>	View	202.7.53.49	Standard Agent		SystemDomain	
<input type="checkbox"/>	Edit	202.7.52.37	RADIUS Server		SystemDomain	

0 select Trusted User Group Memberships Assign More... Manage Node Secret... Duplicate Delete

2 found. Showing 1-2.

Go

Show 25 per page

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<https://tatabpsrv33.tatabp.com:7004/console-am/NodeSecret.do?action=nvPreViewUnrestricted&guid=ims.dd89552e253407ca01aa3ea93b40> Trusted sites

We need to clear the server to accept the connection from the SPX. If we don't clear the server the RSA would fail to accept the requests from the SPX.
 TO clear
 Click on the an.tatabp.com which is the hostname added in the RSA and go to "Manage Node Secret..."

▶ Manage Node Secret

The node secret is a shared secret between the authentication agent and the Authentication Manager. These secrets are automatically generated and shared during the first authentication of the agent with the server.

* Required field

Node Secret Basics

Node Secret Set: Yes

 Clear Node Secret: ☐ Clear the node secret



Here enable the check box “Clear the node secret” and “Save” the configuration. Checking this would enable the RSA to accept the requests from the SPX

Next GO TO Access - Authentication agents - Generate Configuration File and click on generate

RSA Security Console: - Unrestricted Authentication Agents - Microsoft Internet Explorer provided by TATA BP Solar India Ltd.

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Address <https://atabpsrv33.tatabp.com:7004/console-am/NodeSecret.do> Go Links

Logged in as: **Administrator** [My Permissions](#) | [My Preferences](#) | [Log Off](#)
Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Authentication Agents

Unrestricted Restricted

All users in the current realm can authenticate.

Security Domain:
SystemDomain

For:
All Unrestricted Agents

Where:
Hostname
starts with
Search

Session Lifetimes
Active User Sessions
Authentication Agents
Test Access
Manage Existing
Add New
Generate Configuration File
Download Server Certificate File
Authentication Manager Contact List

2 found. Showing 1-2.

0 selected: Enable

<input type="checkbox"/>	Authentication Agent	IP Address	Type	Disabled	Security Domain	Notes
<input type="checkbox"/>	an.tatabp.com	202.7.53.49	Standard Agent		SystemDomain	
<input type="checkbox"/>	tatabpsrv33.tatabp.com	202.7.52.37	RADIUS Server		SystemDomain	

0 selected: Enable Go

2 found. Showing 1-2.

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<https://atabpsrv33.tatabp.com:7004/console-am/MaxRetryValues.do?action=nvPreMaxRetryValues> Trusted sites

Clicking the Generate Config File would generate a an.tatabp.zip file which you need to save it your disk and extract it
Extracting the zip file would give you the sdconf.rec file which you need to import in the SPX.

RSA Security Console: - Configure Agent Time-out and Retries - Microsoft Internet Explorer provided by TATA BP Solar India Ltd.

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Address <https://tatabpsrv33.tatabp.com:7004/console-am/MaxRetryValues.do?action=nvPreMaxRetryValues> Go Links >>

Logged in as: **Administrator** [My Permissions](#) | [My Preferences](#) | [Log Off](#)
Realm: **SystemDomain** | [Configuration](#)

Home Identity Authentication Access Reporting RADIUS Administration Setup Help

Generate Configuration File Help on this page

Configure Agent Timeout and Retries

Optionally, configure the maximum number of retries and the maximum time between each retry.

Cancel X Reset Generate Config File >

Agent Timeout and Retries

Maximum Retries: Allow 5 attempts before timing out

Maximum Time Between Each Retry: Allow 5 seconds between each attempt

Communication Services

The agents will communicate with the Authentication Manager server using the following service names, ports, and protocols. Take note of the port and protocol information if you need to open any ports on your firewall.

Authentication Service:	Name: securid Port: 5500 Protocol: udp
Agent Auto-Registration Service:	Name: rsaadmind Port: 5550 Protocol: tcp
Offline Authentication Download Service:	Name: rsaoad Port: 5580 Protocol: tcp

Done Trusted sites

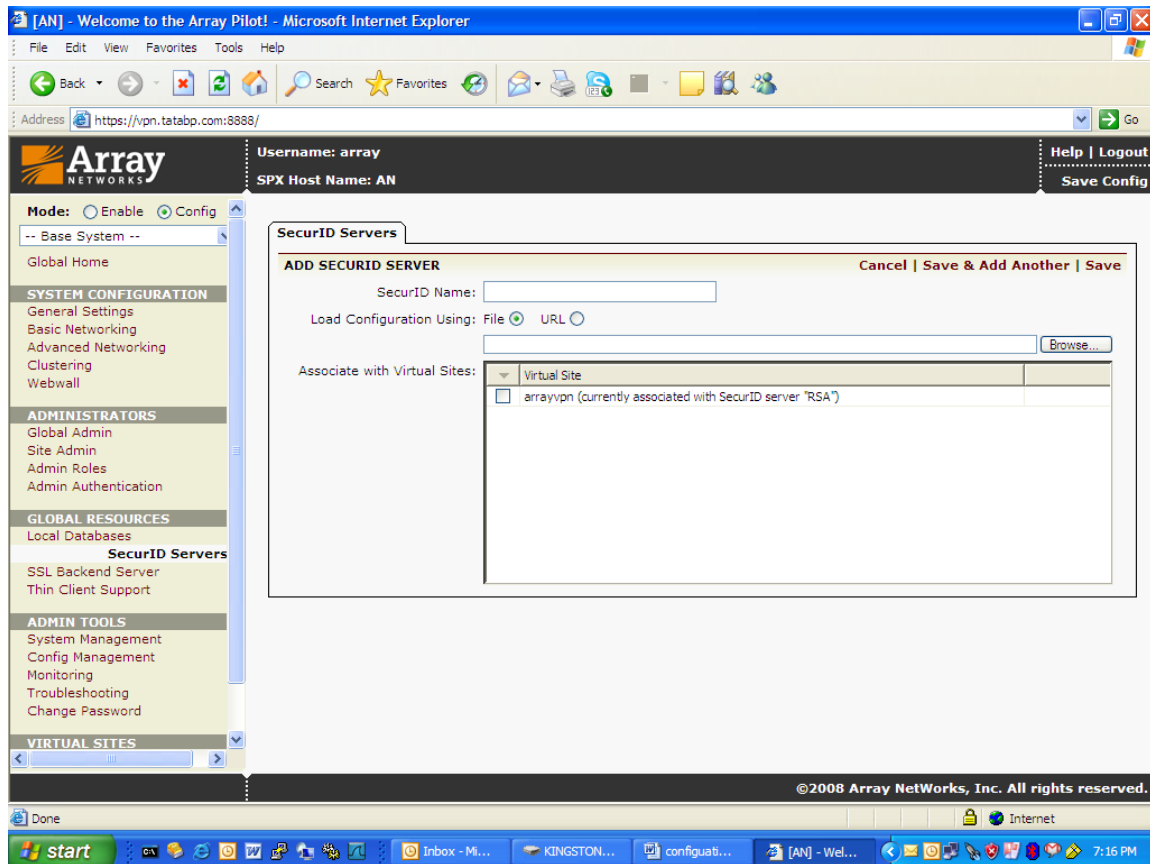
SPX Side configuration

Login into the SPX and get into the Base System configuration mode.

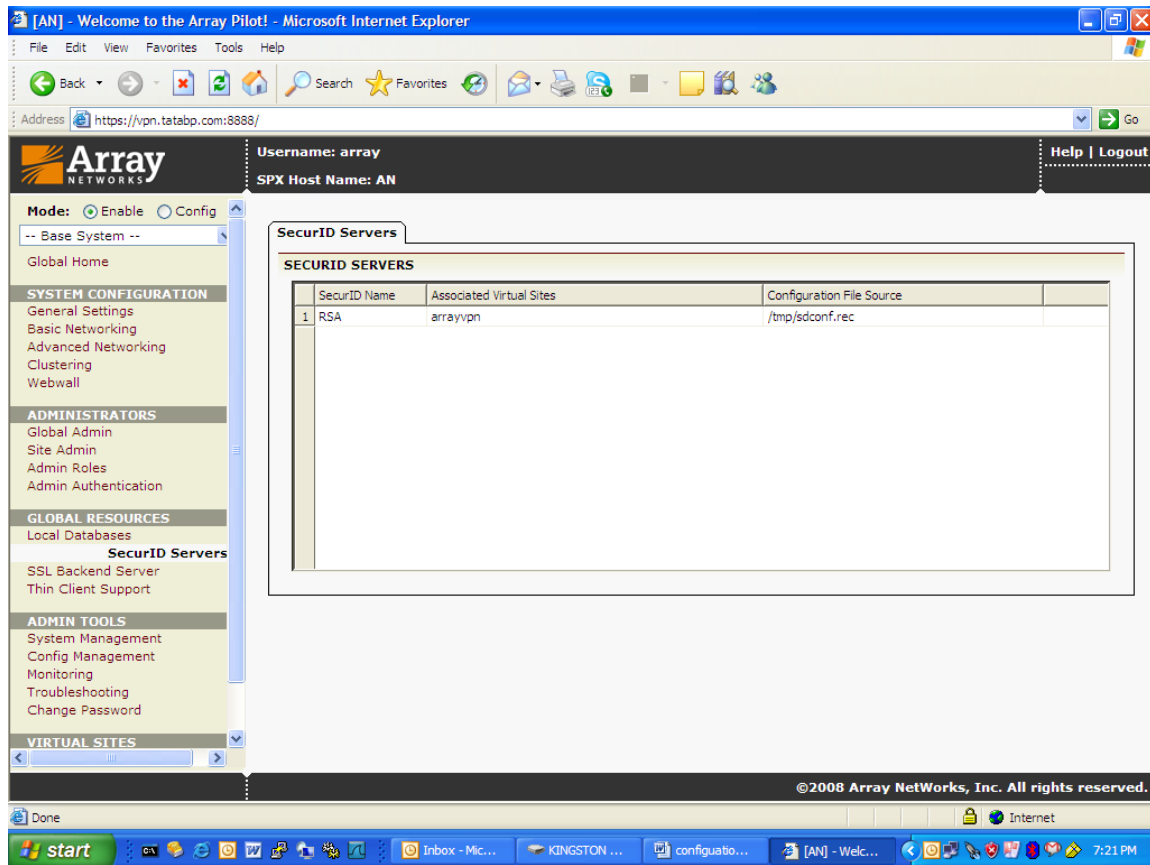
Here click on the Secure ID servers and say Add

Here you need to give a name for the RSA (You can give any name you like)

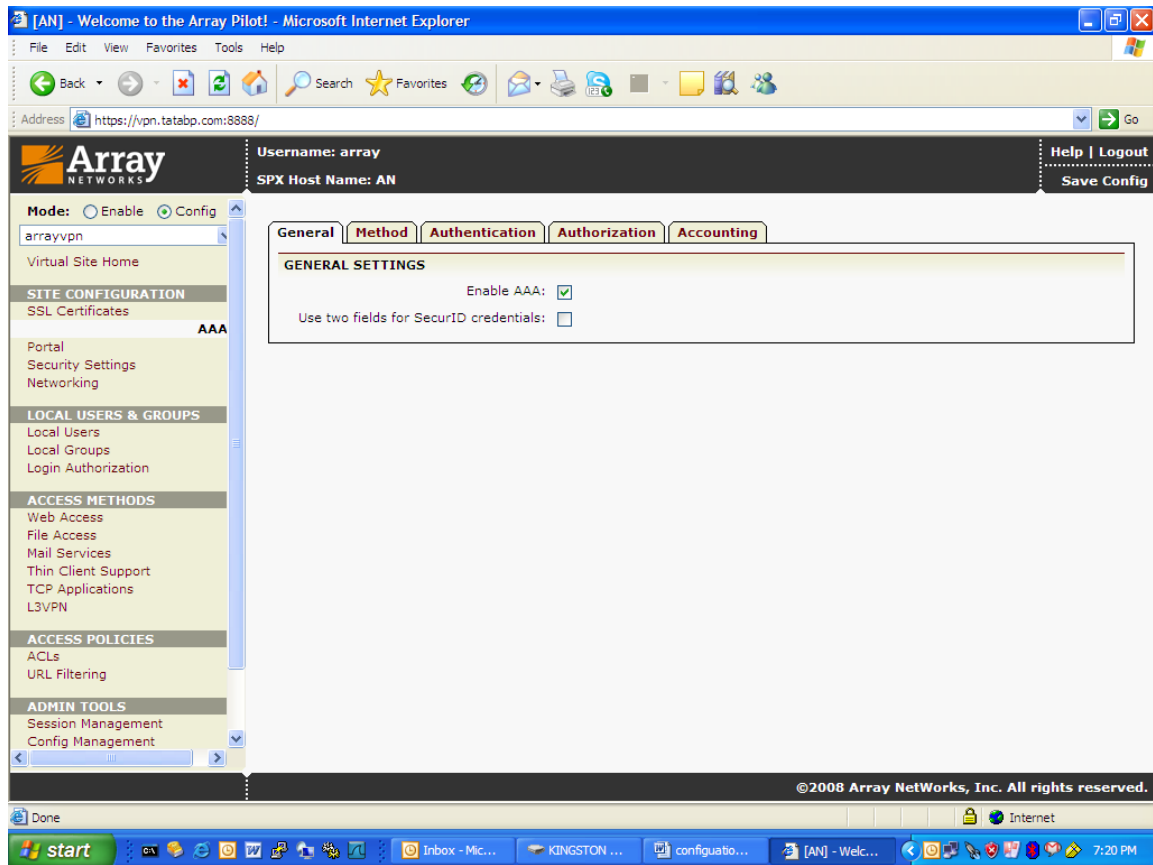
Import the sdconf.rec file which was generated by the RSA server.



This sdconf.rec has to be associated to a virtual site from where you want RSA to Authenticate.



Save the config and get into the Virtual site AAA config
Here select the method to use SecureID



Array
NETWORKS

Mode: ☐ Enable ☒ Config

arrayvpn

Virtual Site Home

SITE CONFIGURATION

SSL Certificates

AAA

Portal

Security Settings

Networking

LOCAL USERS & GROUPS

Local Users

Local Groups

Login Authorization

ACCESS METHODS

Web Access

File Access

Mail Services

Thin Client Support

TCP Applications

L3VPN

ACCESS POLICIES

ACLs

URL Filtering

ADMIN TOOLS

Session Management

Config Management

Username: array

SPX Host Name: AN

Help | Logout

Save Config

General

Method

Authentication

Authorization

Accounting

RESET

SAVE CHANGES

AAA METHOD RANKING

Method Ranking	Authentication Method	Authorization Method
Rank 1:	SecurID	
Rank 2:		
Rank 3:		
Rank 4:		

* Note: If Authorization method is not specified, Authentication servers will be used for Authorization.

** Note: When "Authorize" is selected as the authentication method, the SPX will authorize all users using the configured default group. No login screen will be presented.

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Done

Internet

start

Inbox - Mic...

KINGSTON ...

configuratio...

[AN] - Welc...

7:21 PM