

## 802.1X Service

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Services - Netspeed-Lab

SummaryServiceAuthenticationAuthorizationRolesEnforcement

Name:Netspeed-Lab

Description:Aruba 802.1X Wireless Access Service

Type:Aruba 802.1X Wireless

Status:Enabled

Monitor Mode:☐ Enable to monitor network access without enforcement

More Options:☒ Authorization ☐ Posture Compliance ☐ Audit End-hosts ☐ Profile Endpoints ☐ Accounting Proxy

Service Rule

Matches ANY or ALL of the following conditions:

| Type            | Name             | Operator   | Value                                                  |
|-----------------|------------------|------------|--------------------------------------------------------|
| 1. Radius:IETF  | NAS-Port-Type    | EQUALS     | Wireless-802.11 (19)                                   |
| 2. Radius:IETF  | Service-Type     | BELONGS_TO | Login-User (1), Framed-User (2), Authenticate-Only (8) |
| 3. Radius:Aruba | Aruba-Essid-Name | EQUALS     | Lab-Corp1                                              |
| 4.              | Click to add...  |            |                                                        |

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SummaryServiceAuthenticationAuthorizationRolesEnforcement

Authentication Methods:[EAP PEAP]Add New Authentication Method

Authentication Sources:NETSPEED\_AD [Active Directory]Add New Authentication Source

Strip Username Rules:☒ Enable to specify a comma-separated list of rules to strip username prefixes or suffixes  
user:@, \user  
If username precedes domain name, use user:<separator> (e.g., user:@)  
Otherwise, use <separator>:user (e.g., \:user)

Service Certificate:--Select to Add--View Certificate Details

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SummaryServiceAuthenticationAuthorizationRolesEnforcement

Authorization Details:

Authorization sources from which role mapping attributes are fetched (for each Authentication Source)

| Authentication Source             | Attributes Fetched From        |
|-----------------------------------|--------------------------------|
| 1. NETSPEED_AD [Active Directory] | NETSPEED_AD [Active Directory] |

Additional authorization sources from which to fetch role-mapping attributes -

[Endpoints Repository] [Local SQL DB]

--Select to Add--

Add New Authentication Source

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### Services - Netspeed-Lab

Summary Service Authentication Authorization Roles Enforcement

Role Mapping Policy:  [Modify](#) [Add New Role Mapping Policy](#)

**Role Mapping Policy Details**

Description: -  
 Default Role: -  
 Rules Evaluation Algorithm: -

| Conditions | Role |
|------------|------|
|            |      |

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### Services - Netspeed-Lab

Summary Service Authentication Authorization Roles Enforcement

Use Cached Results: ☒ Use cached Roles and Posture attributes from previous sessions

Enforcement Policy:  [Modify](#) [Add New Enforcement Policy](#)

**Enforcement Policy Details**

Description:  
 Default Profile: [Deny Access Profile]  
 Rules Evaluation Algorithm: first-applicable

| Conditions                                                                                                                                                      | Enforcement Profiles                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 1. (Tips:Role EQUALS [Machine Authenticated])<br>AND (Tips:Role EQUALS [User Authenticated])<br>AND (Authorization:NETSPEED_AD:memberOf CONTAINS Domain Admins) | Admin                                      |
| 2. (Tips:Role EQUALS [Machine Authenticated])<br>AND (Tips:Role EQUALS [User Authenticated])<br>AND (Authorization:NETSPEED_AD:memberOf CONTAINS Wireless)      | Manager                                    |
| 3. (Tips:Role EQUALS [Machine Authenticated])                                                                                                                   | Netspeed-Enforcement Profile, Machine_Auth |

## Successful Authentication

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**Request Details**

Summary Input Output Accounting

Login Status: ACCEPT  
 Session Identifier: R000000e1-01-5dd68f69  
 Date and Time: Nov 21, 2019 13:21:45 GMT  
 End-Host Identifier: b4ae2be0d605  
 Username: host/Janish-PC.NSD.local  
 Access Device IP/Port: 10.6.1.112:0 (LAB-AP / Aruba)  
 Access Device Name: 10.6.1.112  
 System Posture Status: UNKNOWN (100)

**Policies Used -**

Service: Netspeed-Lab  
 Authentication Method: EAP-PEAP,EAP-MSCHAPv2  
 Authentication Source: AD:server2012.nsd.local  
 Authorization Source: [Endpoints Repository], NETSPEED\_AD  
 Roles: [Machine Authenticated]  
 Enforcement Profiles: Netspeed-Enforcement Profile, Machine\_Auth

Showing 2 of 1-145 records

Change Status Show Configuration Export Show Logs Close

| Request ID | IP          | Device | Username                 | Status | Timestamp           |
|------------|-------------|--------|--------------------------|--------|---------------------|
| 9.         | 10.10.1.230 | RADIUS | host/Janish-PC.NSD.local | ACCEPT | 2019/11/21 13:16:43 |
| 10.        | 10.10.1.230 | RADIUS | NSD\Janish               | ACCEPT | 2019/11/21 13:15:28 |

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Monitoring » Live Monitoring » Access Tracker

Access Tracker Nov 21, 2019 14:07:16 GMT

The Access Tracker page provides a real-time display of per-session access activity on the selected server or domain.

Request Details

Summary

Input

Output

Accounting

Login Status: ACCEPT

Session Identifier: R000000e2-01-5dd68fbf

Date and Time: Nov 21, 2019 13:23:11 GMT

End-Host Identifier: b4ae2be0d605

Username: NSD\janish

Access Device IP/Port: 10.6.1.112:0 (LAB-AP / Aruba)

Access Device Name: 10.6.1.112

System Posture Status: UNKNOWN (100)

Policies Used -

Service: Netspeed-Lab

Authentication Method: EAP-PEAP,EAP-MSCHAPv2

Authentication Source: AD:server2012.nsd.local

Authorization Source: [Endpoints Repository], NETSPEED\_AD

Roles: [Machine Authenticated], [User Authenticated]

Enforcement Profiles: Manager

Showing 1 of 1-144 records

Change Status

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Show Logs

Close

Show 1000 records

Request Timestamp

2019/11/21 13:23:11

2019/11/21 13:21:45

2019/11/21 13:21:11

2019/11/21 13:20:42

2019/11/21 13:20:37

2019/11/21 13:19:21

2019/11/21 13:17:39

2019/11/21 13:17:18

2019/11/21 13:16:43

2019/11/21 13:15:28

2019/11/21 13:14:55

2019/11/21 13:14:24

12.

10.10.1.230

RADIUS

host/janish-PC.NSD.local

Netspeed-Lab

ACCEPT

Request Details

Summary

Input

Output

Accounting

|                        |                               |
|------------------------|-------------------------------|
| Login Status:          | ACCEPT                        |
| Session Identifier:    | R000000dc-01-5dd68e73         |
| Date and Time:         | Nov 21, 2019 13:17:39 GMT     |
| End-Host Identifier:   | b4ae2be0d605                  |
| Username:              | NSD\clearpass                 |
| Access Device IP/Port: | 10.6.1.112:0 (LAB-AP / Aruba) |
| Access Device Name:    | 10.6.1.112                    |
| System Posture Status: | UNKNOWN (100)                 |

Policies Used -

|                        |                                               |
|------------------------|-----------------------------------------------|
| Service:               | Netspeed-Lab                                  |
| Authentication Method: | EAP-PEAP,EAP-MSCHAPv2                         |
| Authentication Source: | AD:server2012.nsd.local                       |
| Authorization Source:  | [Endpoints Repository], NETSPEED_AD           |
| Roles:                 | [Machine Authenticated], [User Authenticated] |
| Enforcement Profiles:  | Admin                                         |

Showing 7 of 1-144 records

Change Status

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Request Details

Summary

Input

Output

Alerts

|                        |                               |
|------------------------|-------------------------------|
| Login Status:          | REJECT                        |
| Session Identifier:    | R000000de-01-5dd68f25         |
| Date and Time:         | Nov 21, 2019 13:20:37 GMT     |
| End-Host Identifier:   | 6cab31752854                  |
| Username:              | nsd\janish                    |
| Access Device IP/Port: | 10.6.1.112:0 (LAB-AP / Aruba) |
| Access Device Name:    | 10.6.1.112                    |
| System Posture Status: | UNKNOWN (100)                 |

Policies Used -

|                        |                                     |
|------------------------|-------------------------------------|
| Service:               | Netspeed-Lab                        |
| Authentication Method: | EAP-PEAP,EAP-MSCHAPv2               |
| Authentication Source: | AD:server2012.nsd.local             |
| Authorization Source:  | [Endpoints Repository], NETSPEED_AD |
| Roles:                 | [User Authenticated]                |
| Enforcement Profiles:  | [Deny Access Profile]               |

Showing 5 of 1-140 records

Show Configuration

Export

Show Logs

Close