

ivanti

nsa-ics-api

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11. Admin Login-related APIs

nSA User Rule Groups

Python

```
Get api/v1/policies/ui2/user/rule-groups' \
--data-raw '{"limit":10,"offset":0,"sort_by":"name","sort_order":"asc","filters":[],"type":"admin"}'
Response
{
  "count": 2,
  "items": [
    {
      "allow_delete": false,
      "auto_created": false,
      "id": "2891190c7952409687e7db43ed77a8b6",
      "is_default": true,
      "name": "Administrators",
      "role_config": {
        "id": "bcebb37e1e85405db98f188cb4a7cca9",
        "name": ".Administrators",
        "redirect_url": "/admin",
        "type": "admin"
      },
      "role_id": "bcebb37e1e85405db98f188cb4a7cca9",
      "rules": [
        {
          "allow_delete": false,
          "attribute": "is",
          "id": "ab94fbc66a17458fb7a0aa09fee549ee",
          "is_default": true,
          "name": "AllAdminUsers",
          "type": "username",
          "value": ""
        }
      ],
      "sign_in_config": {
        "id": "f87680b7292242b9af247fec1b17347c",
        "policy_type": "admin",
        "primary_auth_server_config": {
          "id": "4a02312f7b1f4dd89f5350966feb528d",
          "name": "Admin Auth",
          "type": "Local"
        },
        "primary_auth_server_id": "4a02312f7b1f4dd89f5350966feb528d",
        "realm": "ZTA Admin Users",
        "url_pattern": "*/login/admin/",
        "use_as_saml_idp": false
      },
      "sign_in_policy_id": "f87680b7292242b9af247fec1b17347c",
      "sign_in_policy_name": "Admin Signin"
    },
    {
      "allow_delete": false,
      "auto_created": false,
      "description": "",
      "id": "2aa011b9593a4bc8abbdbd68e819bfec8",
      "is_default": false,
      "name": "newAdminUG",
      "rules": [
        {

```

```

    "allow_delete": true,
    "attribute": "is",
    "id": "3db526aed1bf467bbff6022280307168",
    "is_default": false,
    "name": "newadminrule",
    "type": "username",
    "value": "*"
  }
],
"sign_in_config": {
  "id": "ddd3909af4bc407c83be7b9bdc61f988",
  "policy_type": "admin",
  "primary_auth_server_config": {
    "id": "ac7c1729f34a4a0483738b45ca8ee0a6",
    "name": "newadminauth",
    "type": "Local"
  },
  "primary_auth_server_id": "ac7c1729f34a4a0483738b45ca8ee0a6",
  "realm": "newadminpolicy",
  "url_pattern": "*/login/newadmin/",
  "use_as_saml_idp": false
},
"sign_in_policy_id": "ddd3909af4bc407c83be7b9bdc61f988",
"sign_in_policy_name": "newadminpolicy"
}
],
"offset": 0,
"total": 2
}

```

nSA Roles

 Python

```

Get /api/v1/policies/roles
Response
{
  "count": 4,
  "items": [
    {
      "allow_delete": false,
      "description": "All pages accessible",
      "id": "bcebb37e1e85405db98f188cb4a7cca9",
      "is_default": true,
      "name": ".Administrators",
      "redirect_url": "/admin",
      "type": "admin",
      "user_group_name": ""
    },
    {
      "allow_delete": true,
      "description": "Insights Dashboards, Logs, Reports and Subscriptions",
      "id": "985ed98560e64c9dac40b4446218f30b",
      "is_default": true,
      "name": ".CxOs",
      "redirect_url": "/admin",
      "type": "admin",
      "user_group_name": ""
    },
    {
      "allow_delete": true,
      "description": "Gateways Overview and Logs only",
      "id": "30c586d61c6e43fcbc79f5b405b6b5bd",
      "is_default": true,
      "name": ".Network Administrators",
      "redirect_url": "/admin",
      "type": "admin",
      "user_group_name": ""
    },
    {
      "allow_delete": true,
      "description": "All except Workflows , Subscriptions , Upgrade and Admin Role",
      "id": "5cf6acc4109f41a5b176ef797422d6df",
      "is_default": true,
      "name": ".Read-Only Administrators",
      "redirect_url": "/admin",
      "type": "admin",
      "user_group_name": ""
    }
  ],
  "offset": 0,
  "total": 4
}

```

Create Admin Role

 Python

```
/api/v1/policies/roles' \
--data-raw '{"name":"newAdminRole","redirect_url":"/admin","type":"admin","description":""}'
Response
{
  "allow_delete": true,
  "description": "",
  "id": "8d876ab32ab14542be79218f3443fddf",
  "is_default": false,
  "name": "newAdminRole",
  "redirect_url": "/admin",
  "type": "admin",
  "user_groups": []
}
```

Delete Admin Role

 Python

```
/api/v1/policies/roles?role_ids=8d876ab32ab14542be79218f3443fddf \
Method: 'DELETE'
Response: 204
```

Install ESAP

 Python

```
https://<Controller hostname>/api/pcs-configs/multinode/install_esap
Request
{
  "gatewayIds":["4cce0aad63e74ec695d981a06530bb7f"],
  "clusterIds":[],
  "version":"4.0.5"
}
Response
{
  "message": "Successful upgrade"
}
```

12. Trusted Server

 Python

```
Get
/api/certificates/trusted-server
Response
{
  "items": [
    {
      "certificate": "-----BEGIN CERTIFICATE-----\nMIIDoDCCAoigAwIBAgIQIPEHTwdoiJcV7NzjwYaX0DANBgkqhkiG9w0BAQsFADBq\n\nBgNVBAYTAk1OMQ8wDQYDVQQKDAZlMmUtcWExEDA0BgNVBASMB3Rlc3RpbmcxEjAQ\n\nBgNVBAGMCUthcm5hdGFrYTEQM4GA1UEAwwHZTJldGVzdDESMBAGA1\n\nnggEBAFF7gDjY1fthxUbjiIp2REqXMuUkMNXrGHshNIHtSZkiBwvcGB1ZgcRs\n\nj/w0\n\n1joy2otLDubIG5IYdAZK68uSv0sepXLFgKVKgSu4oPbA6ZIt2yNWbc\n\n\nngF3NJWL9WThCpRv1+kpeAibXlvQ=\n\n-----END CERTIFICATE-----",
      "created": "2021-",
      "created": "2021-05-26T06:54:48Z",
      "expires": "2031-05-25T15:27:45Z",
      "id": "bdf26a86b79c4e00a9d68e6b3575cb0e",
      "issuer_common_name": "e2etest",
      "not_valid_before": "2021-05-25T14:27:45Z",
      "subject_common_name": "e2etest"
    }
  ],
  "total": 1
}
```

13. Cover page

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PCS 22.8R1.9 Build 421

Default ESAP Version: ESAP 3.4.8

Revision History	
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ICS Gateway Upgrade	
Multinode Upgrade	
ICS Cluster Upgrade	
Analytics and Dashboard	
Ribbon Summary Counts	
Gateway Map View	
Gateway User-specific Map View	
Plotting Sankey Chart	
Top Active Gateways	
Top Device Types	
Top User Locations	
Active Session Duration	
Connected Clients Active Users	
Connected Clients All Users	
Top Non Compliances	
Pre-Auth Non Compliances	
Gateway Info Panel	
Active Users Info Panel	
Devices Info Panel	
Active Sessions Info Panel	
Active Applications Info Panel	
Non Compliances Info Panel	
Auth Failure Info Panel	
Anomalies Info Panel	

Summary Strip with Gateway Filter	
Search Logs	
Top Busy Users	
Applications by Type	
Top Gateways by Health	
Policy Failures Trend	
Audit Logs	
Report Templates	
Licensing and Subscriptions	
Subscriptions	
Delete Users from nSA Named Users Table	
User Details	
License Consumption Count	
Search String	
Advanced Filter	
Admin Login-related APIs	
User Rule Groups	
nSA Roles	
Install ESAP	
Trusted Server	

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14. Documentation

Pulse documentation is available at <https://www.ivanti.com/support/product-documentation>.

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- <https://support.pulsesecure.net/>
- support@pulsesecure.net

Call us at 1- 844-751-7629 (toll-free USA)

For more technical support resources, browse the support website <https://support.pulsesecure.net/>