


# Create Ivanti integrations

You will need to create **Integrations** for each Ivanti Service Manager table whose data you want to sync with other applications. Integrations can be created by accessing the **Settings** panel and navigating to **Integration Tools > Web Service Connections > New Integration**. Each integration you set up will need to contain an integration script that specifies an HTTP POST request with the Perspectium Integration Mesh.

## Prerequisites


 Before you start, you will need the **instance name for the app you will bond with Ivanti** as well as your **Perspectium Integration Mesh URL, username, and password** on hand. If you don't know your Integration Mesh URL, username, and password, contact [Perspectium Support](#).

## Procedure

To create integrations to share data out of Ivanti, follow these steps:

1

### Navigate to integrations

Log into Ivanti Service Manager and click the  in the upper right-hand corner of the screen to access your settings. Then, on the left-hand side **Settings** panel, navigate to **Integration Tools (under Extend) > Web Service Connections** and click


 **New Integration**

to create a new integration.

2

### Add an integration script

Type **Perspectium Create \_\_\_\_\_** for your **Integration Name** (replace the blank with the integration you are doing, **Perspectium Create Incident** or **Perspectium Create Task**, etc.). In the bottom right-hand corner of the resulting screen, enter the script shown below in the **Script** window, filling in the **INSTANCE\_NAME** value with the **instance name for the app that you will bond with Ivanti** (e.g., **dev12345** for ServiceNow) and the **PERSPECTIUM\_MESH\_URL**, **PERSPECTIUM\_MESH\_USERNAME**, and **PERSPECTIUM\_MESH\_PASSWORD** values with the URL, username, and password for the Perspectium Integration Mesh that you connect to, provided by [Perspectium Support](#). Then, click **Next**.

 **NOTE:** This setup assumes you will sync data from your Ivanti incident table. To sync other data from Ivanti, contact [Perspectium Support](#) for a guided setup.

```
var request = '{"topic": "siam", "type": "ivanti_INTEGRATION_NAME", "key": "INSTANCE_NAME",
"name": "ivanti_INTEGRATION_NAME.insert", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
  return {
    Headers: {
      'Content-Type': 'application/json',
      'psp_quser': 'PERSPECTIUM_MESH_USERNAME',
      'psp_qpassword': 'PERSPECTIUM_MESH_PASSWORD',
      'psp_input_queue': 'psp.in.meshlet.ivanti.INTEGRATION_NAME.INSTANCE_NAME',
      'psp_instance': 'INSTANCE_HERE'
    },
    Cookies: null,
    SkipServerCertificateValidation: false,
    UserName: "null",
    Password: "null",
    AllowAutoRedirect: false
  };
};
```

```


var request = '{"topic": "siam", "type": "ivanti_incident", "key": "dev00000", "name":
"ivanti_incident.insert", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
  return {
    Headers: {
      'Content-Type': 'application/json',
      'psp_quser': 'myUserName',
      'psp_qpassword': 'myPassword',
      'psp_input_queue': 'psp.in.meshlet.ivanti_incident.dev00000',
      'psp_instance': 'dev00000'
    },
    Cookies: null,
    SkipServerCertificateValidation: false,
    UserName: "null",
    Password: "null",
    AllowAutoRedirect: false
  };
};
ExecuteWebRequest("POST", "https://someURLhere.com/multiinput", request,
getJsonRequestSettings());

```

3

## Save your integration

On the **Schedule Manager** page, click **Next**. Then, when a popup appears asking if you want to proceed without scheduling, click

**Yes**. Finally, on the **Review and Publish** page, click  to save your integration.

4

## Create additional integrations

To sync your Ivanti data when **updates** are made and **comments/attachments** are added to your incident table, use **Steps #1-3** as a guide to create integrations with the scripts shown below.

**Update integration script:**

```

var request = '{"topic": "siam", "type": "ivanti_INTEGRATION_NAME", "key": "INSTANCE_NAME",
"name": "ivanti_INTEGRATION_NAME.update", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
  return {
    Headers: {
      'Content-Type': 'application/json',
      'psp_quser': 'PERSPECTIUM_MESH_USERNAME',
      'psp_qpassword': 'PERSPECTIUM_MESH_PASSWORD',
      'psp_input_queue': 'psp.in.meshlet.ivanti.INTEGRATION_NAME.INSTANCE_NAME',
      'psp_instance': 'INSTANCE_NAME'
    },
    Cookies: null,
    SkipServerCertificateValidation: false,
    UserName: "null",
    Password: "null",
    AllowAutoRedirect: false
  };
};
ExecuteWebRequest("POST", "PERSPECTIUM_MESH_URL/multiinput", request,
getJsonRequestSettings());

```

```

var request = '{"topic": "siam", "type": "ivanti_incident", "key": "dev00000", "name":
"ivanti_incident.update", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
    return {
        Headers: {
            'Content-Type': 'application/json',
            'psp_quser': 'myUserName',
            'psp_qpassword': 'myPassword',
            'psp_input_queue': 'psp.in.meshlet.ivanti.incident.dev00000',
            'psp_instance': 'dev00000'
        },
        Cookies: null,
        SkipServerCertificateValidation: false,
        UserName: "null",
        Password: "null",
        AllowAutoRedirect: false
    };
};
ExecuteWebRequest("POST", "https://someURLhere.com/multiinput", request,
getJsonRequestSettings());

```

**Attachment integration script:**

```

var request = '{"topic": "siam", "type": "ivanti_INTEGRATION_NAME", "key": "INSTANCE_NAME",
"name": "ivanti_INTEGRATION_NAME.attach", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
    return {
        Headers: {
            'Content-Type': 'application/json',
            'psp_quser': 'PERSPECTIUM_MESH_USERNAME',
            'psp_qpassword': 'PERSPECTIUM_MESH_PASSWORD',
            'psp_input_queue': 'psp.in.meshlet.ivanti.INTEGRATION_NAME.INSTANCE_NAME',
            'psp_instance': 'INSTANCE_NAME'
        },
        Cookies: null,
        SkipServerCertificateValidation: false,
        UserName: "null",
        Password: "null",
        AllowAutoRedirect: false
    };
};
ExecuteWebRequest("POST", "PERSPECTIUM_MESH_URL/multiinput", request,
getJsonRequestSettings());

```

```

var request = '{"topic": "siam", "type": "ivanti_incident", "key": "dev00000", "name":
"ivanti_incident.attach", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
    return {
        Headers: {
            'Content-Type': 'application/json',
            'psp_quser': 'myUserName',
            'psp_qpassword': 'myPassword',
            'psp_input_queue': 'psp.in.meshlet.ivanti.incident.dev00000',
            'psp_instance': 'dev00000'
        },
        Cookies: null,
        SkipServerCertificateValidation: false,
        UserName: "null",
        Password: "null",
        AllowAutoRedirect: false
    };
};
ExecuteWebRequest("POST", "https://someURLhere.com/multiinput", request,
getJsonRequestSettings());

```

#### Comment integration script:

```

var request = '{"topic": "siam", "type": "ivanti_INTEGRATION_NAME", "key": "INSTANCE_NAME",
"name": "ivanti_INTEGRATION_NAME.comment", "value": "' + '${RecId}' + '"}';
var getJsonRequestSettings = function ()
{
    return {
        Headers: {
            'Content-Type': 'application/json',
            'psp_quser': 'PERSPECTIUM_MESH_USERNAME',
            'psp_qpassword': 'PERSPECTIUM_MESH_PASSWORD',
            'psp_input_queue': 'psp.in.meshlet.ivanti.INTEGRATION_NAME.INSTANCE_NAME',
            'psp_instance': 'INSTANCE_NAME'
        },
        Cookies: null,
        SkipServerCertificateValidation: false,
        UserName: "null",
        Password: "null",
        AllowAutoRedirect: false
    };
};
ExecuteWebRequest("POST", "PERSPECTIUM_MESH_URL/multiinput", request,
getJsonRequestSettings());

```

```
var request = '{"topic": "siam", "type": "ivanti_incident", "key": "dev00000", "name":  
"ivanti_incident.comment", "value": "' + ${RecId} + '"}';  
var getJsonRequestSettings = function ()  
{  
  return {  
    Headers: {  
      'Content-Type': 'application/json',  
      'psp_quser': 'myUserName',  
      'psp_qpassword': 'myPassword',  
      'psp_input_queue': 'psp.in.meshlet.ivanti.incident.dev00000',  
      'psp_instance': 'dev00000'  
    },  
    Cookies: null,  
    SkipServerCertificateValidation: false,  
    UserName: "null",  
    Password: "null",  
    AllowAutoRedirect: false  
  };  
};  
ExecuteWebRequest("POST", "https://someURLhere.com/multiinput", request,  
getJsonRequestSettings());
```

---

## Next steps

[Create Ivanti web service script actions](#)