

How to sync issue priority fields in Jira Cloud

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This article shows how to sync issue priority.

Warning: Despite our best efforts, code can change without notice due to a variety of factors. If you encounter an issue in any of the code shown here and find that a specific block of code is not correct, or is causing errors, please check with the [Community](#) to find an updated version.

Source side

To send priority field data to the destination side add the code below to your incoming sync processor.

Outgoing sync (Data Filter)

```
replica.priority = issue.priority
```

Destination side

- [Jira Cloud](#)
- [Jira Server 7.5 and lower/ Zendesk](#)
- [Jira Server 7.6 and higher](#)

Jira Cloud

Set the local priority based on the received priority value. If there's no such priority on your side - set the default priority to "**Major**".

```
def defaultPriority = nodeHelper.getPriority("Major")
issue.priority = nodeHelper.getPriority(replica.priority?.name) ?: defaultPriority
```

- Sync priority with mapping:

Set local priority based on the received urgency from the Servicenow side. If the priority name does not exist on the local side - set default priority to "Low".

```

def priorityMapping = [
    // remote side priority <-> local side priority
    "Critical" : "High",
    "Medium" : "Medium",
    "Minor" : "Low"
]
def priorityName = priorityMapping[replica.priority?.name] ?: "Low" // set default priority in case the proper urgency could not be found
issue.priority = nodeHelper.getPriority(priorityName)

```

Jira Server 7.5 and lower/ Zendesk

```

if (replica.assignee.displayName == "Steve Jobs") {
    issue.priority = nodeHelper.getPriority("Critical")
}

```

- Sync priority with mapping

Set local priority based on the received urgency from the Servicenow side. If the priority name does not exist on the local side - set default priority to "Low".

```

def priorityMapping = [
    // remote side priority <-> local side priority
    "Critical" : "High",
    "Medium" : "Medium",
    "Minor" : "Low"
]
def priorityName = priorityMapping[replica.priority?.name] ?: "Low" // set default priority in case the proper urgency could not be found
issue.priority = nodeHelper.getPriority(priorityName)

```

Jira Server 7.6 and higher

Use a [nodeHelper.getPriority](#) method to find local priority by the remote *priorityName*.

Incoming sync (Create/Change processor)

There are several ways to manage incoming sync data related to the priorities:

- Find local priority by the remote *priorityName*. If there's no such priority on your side, don't sync the priority.

In this case, you need to be sure that both sides have the same priorities.

```
issue.priority = nodeHelper.getPriority(replica.priority?.name, issue)
```

- Set a default priority if the local priority is not found by the remote priority name.

```
issue.priority = nodeHelper.getPriority(replica.priority?.name, issue) ?: nodeHelper.getPriority('Major', issue)
```

- Sync priority with mapping:

Set local priority based on the received urgency from the Servicenow side. If the priority name does not exist on the local side - set default priority to "Low".

```
def priorityMapping = [
    // remote side priority <-> local side priority
    "Critical" : "High",
    "Medium" : "Medium",
    "Minor" : "Low"
]
def priorityName = priorityMapping[replica.priority?.name] ?: "Low" // set default priority in case the proper urgency could not be found
issue.priority = nodeHelper.getPriority(priorityName)
```

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