

Parameter Assignments

FEDRAMP SYSTEM SECURITY PLAN (SSP) _____ BASELINE TEMPLATE

CSP Name | Information System Name

Version #.#, Date

AC-2	Control Summary Information
	Responsible Role:
	Parameter AC-2(a):
	Parameter AC-2(e):
	Parameter AC-2(f):
	Parameter AC-2(j):
	Implementation Status (check all that apply):
	☐ Implemented
	☐ Partially implemented
	☐ Planned
	☐ Alternative implementation
	☐ Not applicable

FedRAMP

010011100100101000100010100100100000100011010101000001001110101

|

Representation

If a FedRAMP control has one or more parameters, add a `set-parameters` array Within an `implemented-requirements` entry. There must be one `set-parameters` entry for each parameter in the control as follows:

- a `param-id` set to the parameter value from the OSCAL-based FedRAMP baselines
- a `values` array with:
 - one string entry per response
 - If the response is list, such as a list of user types to receive a procedure, add one entry per list item.

Only set parameters at the `implemented-requirements`` level. While OSCAL also supports the ability to set parameters within `by-components`` entries, this does not align with FedRAMP's handling of parameters and should not be used.

```
system-security-plan:
  control-implementation:
    implemented-requirements:
```

- uuid: 11111111-2222-4000-8000-012000010000
control-id: ac-1
set-parameters:
 - param-id: ac-01_odp.01
values:
 - all managers, administrators and users of the system
 - param-id: ac-01_odp.02
values:
 - all managers and administrators of the system
 - param-id: ac-01_odp.03
values:
 - System-level
 - param-id: ac-01_odp.04
values:
 - System Architect
 - param-id: ac-01_odp.05
values:
 - at least every 3 years
 - param-id: ac-01_odp.06
values:
 - change in organizational legal status or ownership
 - param-id: ac-01_odp.07
values:
 - at least annually
 - param-id: ac-01_odp.08
values:
 - change in policy or a security incident involving a failure of access control mechanisms

Selection Parameters and Nested Parameters

Some *select* parameters contain one or more *assignment* parameters. In this instance, simply provide the final selection value within the `set-parameters` entry for the *select* and omit any `set-parameters` entries related to the *assignment*.

Example

AC-7_ part (b) has three *assignment* parameters nested within a single *selection* parameter. Line breaks and bullets have been added below to better illustrate the nesting.

Automatically

- **[Selection** (one or more):
 - lock the account or node for an **[Assignment:** organization-defined time period];
 - lock the account or node until released by an administrator;
 - delay next logon prompt per **[Assignment:** organization-defined delay algorithm];
 - notify system administrator;
 - take other **[Assignment:** organization-defined action]]

when the maximum number of unsuccessful attempts is exceeded.

Although the OSCAL controls will have four parameters, only the final value for the *selection* parameter is assigned in the SSP. The other parameters are ignored.

If more than one choice is applicable, add each as a separate entry in the `values` array. For example if the final choices are:

- lock the account or node for an **[Assignment:** 30 minutes];
- lock the account or node until released by an administrator;

The `set-parameters` array would be:

```
system-security-plan:
  control-implementation:
```

implemented-requirements:

- uuid: 11111111-2222-4000-8000-012000010000

control-id: ac-7

set-parameters:

- param-id: ac-07_odp.03

values:

- lock the account or node for 30 minutes;
- lock the account or node until released by an administrator;

Parameters `ac-07_odp.01` and `ac-07_odp.02` belong to part (a). They would normally be included and are only omitted for the example.

Parameters `ac-07_odp.04`, `ac-07_odp.05` and `ac-07_odp.06` are part of `ac-07_odp.03` and are omitted.

Revision #6

Created 2026-02-12 00:23:03 UTC by Brian Ruf

Updated 2026-04-14 14:31:00 UTC by Brian Ruf