Project Name (Hyperlinked)	Issue Number	Root cause	Smell	Description	Link to the Issue
ansible-aci	598	Broken dependency chain	Broken dependency chain, Unguarded operations(Idempotency)	Network object not working as expected. Broken dependency chain and idempotency check needed. Adding 'debug' module.	Issue 598
ansible-aci	595	Outdated direct link	Broken dependency chain	Dependency file direct link outdated, causing playbook failure. Updated the link.	Issue 595
ansible-aci	28	Outdated direct path	Broken dependency chain	Dependency file direct path outdated, causing playbook failure. Updated the path.	Issue 28
ansible-collection-kubernetes	11	Broken dependency chain	Broken dependency chain, Unguarded operations(Idempotency)	Dependency installation task failing playbook. Broken dependency chain and idempotency check needed.	Issue 11
linux-system-roles.github.io	70	Outdated dependency	Broken dependency chain, Outdated dependency	Error caused by outdated dependency version. Also, absolute paths in dependency files causing errors.	Issue 70
cisco.nxos	801	No idempotency check	Broken dependency chain, Unguarded operations(Idempotency)	Task doesn't check idempotency when writing configuration file. Absolute path used for a dependency file causing issues.	Issue 801
cisco.nxos	803	No idempotency check	Broken dependency chain, Unguarded operations(Idempotency)	Task doesn't check idempotency when creating/deleting accounts and users. Sanity check needed.	Issue 803
cisco.nxos	698	No idempotency check	Broken dependency chain, Unguarded operations(Idempotency)	Task doesn't check idempotency when using invalid commands.	Issue 698
cisco.nxos	787	Invalid commands	Broken dependency chain, Unguarded operations(Idempotency)	Invalid commands should show failure and avoid breaking idempotency.	Issue 787
cisco.nxos	542	Task failure	Broken dependency chain, Unguarded operations(Idempotency)	Usage of 'command' module failing the task. Provide necessary failing comments and state.	Issue 542
cisco.nxos	420	Missing 'gather_facts'	Broken dependency chain	Task should include 'gather_facts' component to avoid issues and errors. Avoid broken dependency chain.	Issue 420
cisco.nxos	408	No idempotency check	Unguarded operations(Idempotency)	Task doesn't check idempotency when writing a file. More checking components needed.	Issue 408
cisco.nxos	391	Task execution failure	Broken dependency chain	Ignoring a task without checking execution can cause failure and broken dependency chain.	Issue 391
ansible-oracle	335	Outdated dependency	Broken dependency chain, Outdated dependency	Script worked with outdated version of a dependency.	Issue 335
ansible-oracle	327	Missing 'assert'	Broken dependency chain	Need 'assert' to check if changes are applied to prevent issues. Avoid broken dependency chain.	Issue 327
ansible-oracle	265	Task execution failure	Unguarded operations(Idempotency)	Failure caused by using systemd. Apply more checking components to avoid issues.	Issue 265
dnacenter-ansible	103	Hardcoded configurations	Broken dependency chain	Hardcoded parameters causing failure when changed or running on different environments.	Issue 103
dnacenter-ansible	102	Hardcoded configurations	Broken dependency chain	Hardcoded parameters causing failure when changed or running on different environments.	Issue 102
dnacenter-ansible	62	Absolute path dependency	Unguarded operations(Idempotency)	Use safe ansible module for file updates. Avoid using absolute paths for dependencies.	Issue 62
ansible-galaxy-fortimanager-collection	79	Outdated direct link	Broken dependency chain, Unguarded operations(Idempotency)	Dependency file direct link outdated, causing playbook failure. Updated the link.	Issue 79
ansible-galaxy-fortimanager-collection	74	Hardcoded configurations	Broken dependency chain, Incompatible dependency installation	Hardcoded parameters and authentication credentials causing failures. Ensure stable versions are installed.	Issue 74
ansible-galaxy-fortimanager-collection	18	Missing 'state' component	Unguarded operations(Idempotency)	Missing 'state' component causing task failure. Ensure desired machine state after execution.	Issue 18
cisco.asa	196	Module not functioning	Incompatible version installation, Outdated dependency	Task using non-functioning module after package update. Developers should check package compatibility.	Issue 196
cisco.asa	187	Missing confirmation	Unguarded operations(Idempotency)	OS operations done without proper confirmation and ansible attributes.	Issue 187
cisco.asa	197	Outdated dependency	Incompatible version installation, Outdated dependency	Version-specific dependency installation causing task failure.	Issue 197
cisco.asa	195	Incompatible dependencies	Incompatible version installation, Outdated dependency	Incompatible dependencies causing failure after update.	Issue 195
cisco.asa	166	Missing 'state' component	Broken dependency chain, Unguarded operations(Idempotency)	Missing 'state' or 'assert' causing failure after creating group object.	Issue 166