

Error Handling Strategy

The rule execution engine supports two types of errors with different behaviors:

Error Type	Behavior	When to Use
SOAP Fault	Continue running other rules; all warnings shown at end	Business condition failures (e.g., user not found)
Exception	Stop execution immediately; workflow creation fails	System failures (e.g., null references)

Error Logging

All rule execution is logged with “WAR:” prefix:

- WAR: Executing rule [RuleName] for [Target]
- WAR: Rule [RuleName] completed in [X]ms
- WAR: Warning - Rule [RuleName] returned error: [Message] (SOAP Fault)
- WAR: Error - Rule [RuleName] threw exception: [Message] (Exception)

Configuring Log Level for Workflow Assignment Rules:

To enable detailed logging for Workflow Assignment Rules execution, add the following configuration to the server’s appsettings.json file:

```
"LoggerConfiguration": {  
  "MinimumLevel": {  
    "Default": "Fatal",  
    "Override": {  
      "Aras.UnifiedChangeManagement.WorkflowAssignmentRules": "Debug"  
    }  
  }  
}
```

Log levels available:

- **Debug:** Logs all WAR execution details, timing, and results
- **Information:** Logs rule start and completion
- **Warning:** Logs only SOAP Fault errors
- **Error:** Logs only Exceptions
- **Fatal:** Logs only critical Aras Innovator failures



Important

The "Fatal" log level is available for detailed logging of Workflow Assignment Rules only in Aras Innovator Release 34 and higher.

