# Updated Use Cases

* Changes made for Language Spec compliance

## SLPF-Acme Use Cases

### Bad Commands

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Changes | Reason | Source | Note |
| action\_notarget\_id.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| action\_notarget.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| action\_unknown.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv4net\_badcidr.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv4net\_badip.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia3.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| args\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_sha512.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_uri\_actuator\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_uri\_actuator\_multiple.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) | Moved from good command, multiple actuators invalid in V1.0 |
| empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| empty\_array.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| empty\_object.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| number.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| number\_integer.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| openc2\_response.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| openc2\_response\_text.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_capX.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_dots.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_nox-.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_specialchar.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_notunique.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_unknown.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_multiple\_target\_extensions.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_multiple\_targets.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_nocolon.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_noprofile.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_specialchar1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_specialchar2.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_underscore\_first1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_underscore\_first2.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| string.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| target\_multiple.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |

### Good Commands

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Changes | Reason | Source | Note |
| allow\_device\_deviceid.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_file\_hashes\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv4net.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv4net\_cidr.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_ipv4mapped\_orig.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_ipv4mapped\_result.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_localhost.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_localhost\_reduced.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_prefix.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_unspecified.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_unspecified\_reduced.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia10\_eui64.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia11\_derrick.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia2.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia3.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia4.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia4\_shortened.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia5.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia5\_shortened.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia6.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia6\_shortened.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia7.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia7\_shortened.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix10\_example.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix11\_6to4.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix12\_unique\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix13\_link\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix14\_multicast.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix1\_end.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix1\_start.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix2.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix3\_default\_route.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix3\_unspecified\_address.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix4\_loopback\_address.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix5\_ipv4\_mapped.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix5\_ipv4\_translated.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix6\_ipv4\_translation.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix7\_discard.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix8\_teredo.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia8\_prefix9\_ORCHIDv2.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast10\_RPL.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast11\_mDNSv6.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast12\_NTP.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast13\_link\_name.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast14\_dhcp\_agents.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast15\_multicast\_name\_resolution.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast16\_dhcp\_servers.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast17\_solicited\_node.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast18\_node\_info.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast1\_nodes\_interface\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast2\_nodes\_link\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast3\_routers\_interface\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast3\_routers\_link\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast4\_routers\_site\_local.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast5\_OSPFIGP.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast6\_OSPFIGP\_routers.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast7\_RIP.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast8\_EIGRP.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| allow\_ipv6net\_wikipedia9\_multicast9\_PIM.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| contain\_device\_deviceid.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_md5.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_md5\_sha1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_md5\_sha1\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_md5\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_sha1.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_sha1\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_file\_hashes\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| deny\_macaddr.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| https\_example\_deny\_file\_hashes.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| ls\_example\_contain\_device.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| ls\_example\_deny\_ipv4connection.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| ls\_example\_query\_features.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| ls\_example\_query\_properties\_battery.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_all.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_all\_id.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_empty\_id.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_all.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_args\_underscore.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_ext\_target.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_extension\_args\_number.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_profiles.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_profiles\_id.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_properties\_firewall\_status.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| remediate\_file\_hashes\_sha256.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| set\_properties\_firewall\_status.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_allow\_ipv6connection.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_delete\_rulenumber.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_deny\_ipv4connection.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_deny\_ipv6connection.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_deny\_ipv6net.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_update\_file.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_target.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_target\_ext\_actuator.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_target\_ext\_actuator\_ext\_args.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| start\_container\_ext\_target\_ext\_actuator\_mult\_ext\_args.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| stop\_container\_ext\_target.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |

### Bad Responses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Changes | Reason | Source | Note |
| empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| empty\_array.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| empty\_object.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| openc2\_command\_query\_features\_all.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_all\_badprofile.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| results\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) | Moved from good response, response requires a minimum of one property |
| results\_ext\_multiple.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) | Moved from good response, 201 is not a valid response for language |
| results\_ext\_single.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) | Moved from good response, 201 is not a valid response for language |
| results\_unknown\_profile.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_asbool.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_asdouble.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_asstring.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_negative.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_too\_high.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_too\_low.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| statustext\_nostatus.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| unknown\_field.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |

### Good Responses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| File | Changes | Reason | Source | Note |
| ls\_example\_query\_features.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| ls\_example\_query\_properties\_battery.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| query\_features\_all.json | Version: “1.0-draft-2019-02” -> “1.0” | Language compliance | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| results\_ext\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| results\_slpf\_empty.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_query\_features\_pairs\_example.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| slpf\_example\_rule\_number.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_102.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_200.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_400.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_401.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_403.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_404.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_500.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_501.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_503.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_and\_status\_text.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_only\_not\_implemented.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |
| status\_only\_success.json |  |  | [Brian Berliner](https://github.com/bberliner/openc2-json-schema) |  |