

# L4E Configuration Options

## Glossary

Option	Type	Description	Platforms	conf_version	Valid Settings	Notes												
version	string	The version of the IDP API being used	Windows/Mac	1 and higher	v1, v2.	v2 -> For fixes of CP-418. This value is recommended to be used												
platform	string	The platform this configuration is for.	Windows/Mac	1 and higher	windows, mac													
type	string	The backend this installation is targeting (IdP, CA, etc.)	Windows/Mac	1 and higher	idp, ca	ca is not currently supported												
api_id	string	<b>Deprecated</b> The API ID used to authenticate to the backend.	Windows/Mac	1	cannot be empty													
api_secret	string	<b>Deprecated</b> The API Secret used to authenticate to the backend	Windows/Mac	1	cannot be empty													
host	string	<b>Deprecated</b> The host URL used to connect to the backend.	Windows/Mac	1	cannot be empty													
apis	array	List of idp instances, will be list of the following parameters <table border="1" data-bbox="479 909 824 1247"> <thead> <tr> <th>Option</th> <th>Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>host</td> <td>string</td> <td>The host URL used to connect to the backend.</td> </tr> <tr> <td>id</td> <td>string</td> <td>The API ID used to authenticate to the backend.</td> </tr> <tr> <td>secret</td> <td>string</td> <td>The API Secret used to authenticate to the backend</td> </tr> </tbody> </table>	Option	Type	Description	host	string	The host URL used to connect to the backend.	id	string	The API ID used to authenticate to the backend.	secret	string	The API Secret used to authenticate to the backend	Windows/Mac	2 and higher	cannot be empty	
Option	Type	Description																
host	string	The host URL used to connect to the backend.																
id	string	The API ID used to authenticate to the backend.																
secret	string	The API Secret used to authenticate to the backend																
access_level	integer	Controls local versus remote access bypass (typically used when an admin wants 2FA on remote logons only).	Windows/Mac	1 and higher	0 (always on), 1 (local only), 2 (remote only), 3 (always off), 4: (sspr only, 2fa off: Only valid for Windows)													
multiple_user	boolean	Controls whether to show cached user names (typically used for server environments where a large number of people are logging in).	Windows	1 and higher	true, false													
idm_sspr_url	string	The host URL used to invoke the self service password reset workflow in the browser	Windows	1 and higher														
idm_sspr_label	string	Deprecated	Windows	1 and higher														
alternate_providers	string array	List of GUIDs of other credential providers allowed to exist on the system	Windows	1 and higher	array of valid GUIDs													
group_bypass	string array	List of AD group names that can bypass 2FA	Windows/Mac	1 and higher	group name or domain\groupname (e.g. "BypassGroup", "DOMAIN\BypassGroup")													
allow_self_signed	boolean	Controls if we allow self signed certificates on the server side	Windows/Mac	1 and higher	true, false													

conf_version	int	Login for Endpoints Configuration version	Windows/Mac	2 and higher	1, 2 ( will be empty on version 1)	Added since 19.06
enabled_on_uac	boolean	Enabled credential provider on Run As Administrator	Windows	2 and higher	true, false ( empty on version 1)	Added since 1.0.4
adaptive_enabled	boolean	Enable adaptive login	Windows/Mac	2 and higher	true, false (empty defaults to true)	Since 19.06
bypass_interval	integer	Value in seconds. 0 means disabled.	Windows	2 and higher	Any positive number	Since 19.06
store_seeds	boolean	Enable/Disable seeds cache. If cache is disabled users are not going to be able to log in while being offline.	Windows/Mac	2 and higher	true, false (empty defaults to true)	Since 19.06
custom_error_message	string	Text to display to the user if there was an error during the login process.	Windows	2 and higher		Since 19.06
legacy_http_communication	boolean	If present and set on true, the client will switch to the old HTTP library, only use as last resource, not recommended. This library behavior is not homogeneous among different OS versions and have some bugs.  <b>Will be deprecated soon. Internal / troubleshooting use only, should not be used on production environments</b>	Windows/Mac	3 and Higher	true, false, non_present defaults to false	Since 19.09
hide_retry_option	boolean	Enable/Disable the retry option to connect to idp	Windows	3 and Higher	true, false, non_present default to true	Since 19.09
lang_locale	string	Language code to display strings in UI	Windows/Mac	3 and Higher	lang code, default value "en_US"	Since 19.09. Currently at 19.09 en_US is the only valid value. to be extended on the future
passwordless_enabled	boolean	Enable/Disable passwordless functionality	Windows	3 and Higher	true, false	Since 19.09

### Sample version 3 ( since 19.09)

```
{
  "access_level": 0,
  "adaptive_enabled": true,
  "allow_self_signed": true,
  "alternate_providers": [
    "{6f45dc1e-5384-457a-bc13-2cd81b0d28ed}",
    "{60b78e88-ead8-445c-9cfd-0b87f74ea6cd}"
  ],
  "apis": [
    {
      "host": "https://localhost/SecureAuth3",
      "id": "000860c9324d4c79817d1edeeecce8ff",
      "secret":
        "e29e3f4f8a3150f579ea14bde65c9012aac65859ee1404d70c0ed655842b194b"
    }
  ],
  "bypass_interval": 300,
  "conf_version": 3,
  "custom_error_message": "For assistance, please contact Acme helpdesk
at 949-555-1212, help@acmeco.com, or https://helpdesk.acmeco.com.",
  "enabled_on_uac": false,
  "group_bypass": [ "BypassGroup", "DOMAIN\\BypassGroup",
".\\Administrators"],
  "hide_retry_option": false,
  "idm_sspr_label": "2. L4W SSPR",
  "idm_sspr_url": "https://localhost/SecureAuth2",
  "lang_locale": "es_US",
  "legacy_http_communication": false,
  "multiple_user": false,
  "passwordless_enabled": true,
  "platform": "windows",
  "store_seeds": true,
  "type": "idp",
  "version": "v2"
}
```

## Mac Sample

```
{
  "access_level": 0,
  "adaptive_enabled": true,
  "apis": [
    {
      "host": "https://localhost/SecureAuth3",
      "id": "000860c9324d4c79817d1edeece8ff",
      "secret":
"e29e3f4f8a3150f579ea14bde65c9012aac65859ee1404d70c0ed655842b194b"
    }
  ],
  "conf_version": 3,
  "group_bypass": [
    "group1",
    ".\\Administrators",
    "myDomain\\DomainAdmins"
  ],
  "platform": "mac",
  "store_seeds": true,
  "type": "idp",
  "version": "v2"
}
```

**Sample version 2 ( since 19.06)**

```

{
  "access_level": 0,
  "adaptive_enabled": true,
  "allow_self_signed": true,
  "alternate_providers": [
    "{6f45dc1e-5384-457a-bc13-2cd81b0d28ed}",
    "{60b78e88-ead8-445c-9cfd-0b87f74ea6cd}"
  ],
  "apis": [
    {
      "host": "https://localhost/SecureAuth3",
      "id": "000860c9324d4c79817d1edeece8ff",
      "secret":
"e29e3f4f8a3150f579ea14bde65c9012aac65859ee1404d70c0ed655842b194b"
    }
  ],
  "bypass_interval": 300,
  "conf_version": 2,
  "custom_error_message": "For assistance, please contact Acme helpdesk
at 949-555-1212, help@acmeco.com, or https://helpdesk.acmeco.com.",
  "enabled_on_uac": false,
  "group_bypass": [ "BypassGroup", "DOMAIN\\BypassGroup",
".\\Administrators" ],
  "idm_sspr_label": "2. L4W SSPR",
  "idm_sspr_url": "https://localhost/SecureAuth2",
  "legacy_http_communication": false,
  "multiple_user": false,
  "platform": "windows",
  "store_seeds": true,
  "type": "idp",
  "version": "v2"
}

```

**Sample version 1( deprecated) (1.0.4 and earlier)**

```
{
  "version": "v1",
  "platform": "windows",
  "type": "idp",
  "api_id": "111860c9724d4c79817d1edbbbccelaa",
  "api_secret":
"119e3f4f8b3150f679ea14bde6589012aac65857ee1404d70c1ed655842b19aa",
  "host": "https://localhost/secureauth3",
  "access_level": 0,
  "multiple_user": false,
  "idm_sspr_url": "https://localhost/secureauth2",
  "idm_sspr_label": "",
  "alternate_providers": [{"60b78e88-ead8-445c-9cfd-0b87f74ea6cd"}],
  "group_bypass": ["BypassGroup", "DOMAIN\\BypassGroup"],
  "allow_self_signed": false
}
```