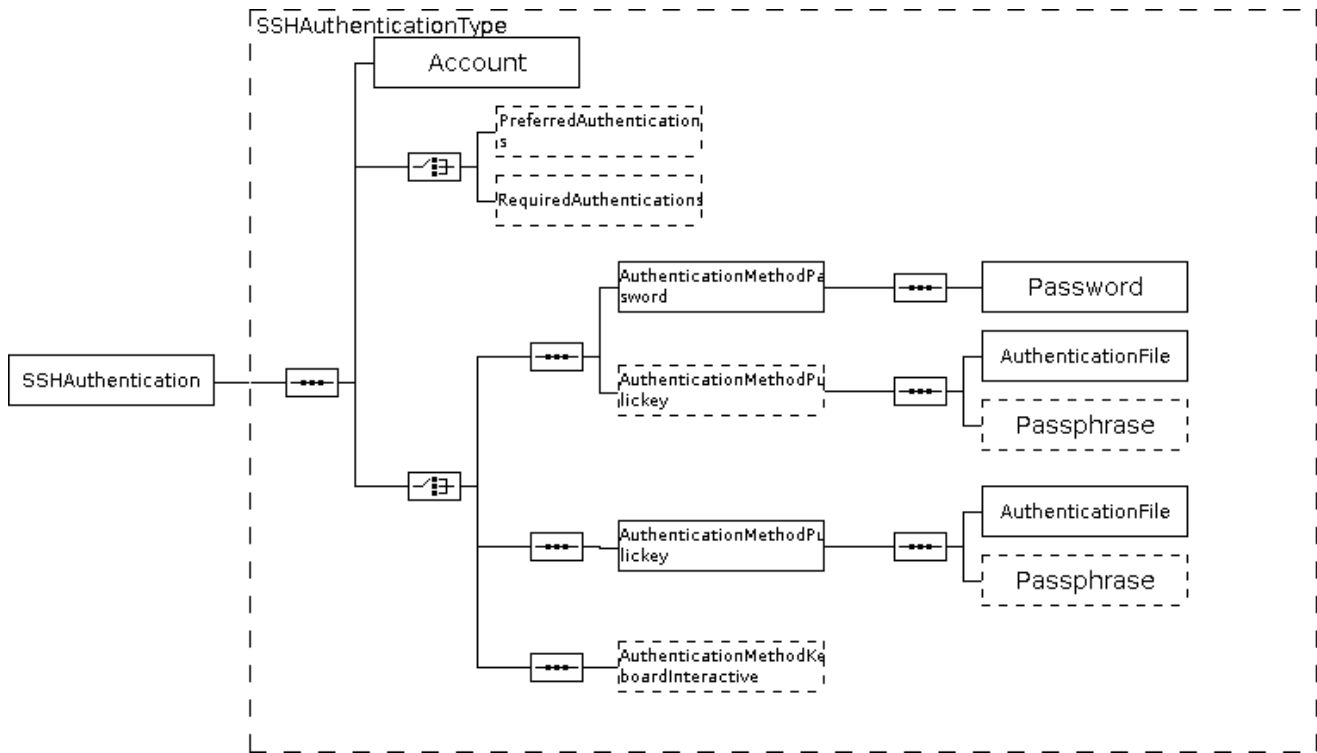


YADE Parameter Reference - SSHAuthentication

Diagram



Elements

SSHAuthentication - SSHAuthenticationType			
References			
<ul style="list-style-type: none"> • Schema: SSHAuthentication • Parameter: SSHAuthentication 			
Notes			
<p>The <i>SSHAuthentication</i> element specifies the credentials for authentication with a server, e.g. an FTP Server or a Proxy. Child elements include:</p> <ul style="list-style-type: none"> • <i>Account</i> for authentication. For Windows Systems an account could include the domain. • <i>PreferredAuthentications</i>. Specifies the order in which the client should try protocol 2 authentication methods. • <i>RequiredAuthentications</i>. Specifies the authentication methods that must be successfully completed for a user to be granted access. • <i>AuthenticationMethodPassword</i> for authentication. <ul style="list-style-type: none"> • <i>Password</i> Passwords are not displayed in the YADE log files. • <i>AuthenticationMethodPublicKey</i> for authentication. Public/private key authentication with an <ul style="list-style-type: none"> • AuthenticationFile • Passphrase • <i>AuthenticationMethodKeyboardInteractive</i> for authentication. 			
Element	Type	Required	Description

Account	string <ul style="list-style-type: none"> • Min: 1 • Whitespace: preserve • Occurrence: 1 	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: Account • Mapping: <ul style="list-style-type: none"> • user <p>Notes</p> <p>Account for authentication at one of the systems involved in file transfer, e.g. an FTP or SFTP server. Usually the account corresponds to a user name.</p> <p>Should the respective server system be part of a Windows domain then the syntax <i>domain\account</i> can be used.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the <i>CredentialStore</i> is effected by the following syntax:</p> <p style="text-align: center;">cs://[entry_path]@entry_field</p> <p>where</p> <ul style="list-style-type: none"> • cs:// is a constant prefix that is used by YADE to identify this setting to be a reference to a <i>CredentialStore</i>. • entry_path specifies the path to an entry within the <i>CredentialStore</i> database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the <i>CSEntryPath</i> configuration item is used. • entry_field is one of the standard fields available in a <i>CredentialStore</i>. <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <i><Hostname></i> and <i><Port></i> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://sos/mft_server/srv001@title • cs://sos/mft_server/srv001@user • cs://sos/mft_server/srv001@password • cs://sos/mft_server/srv001@url • cs://sos/mft_server/srv001@notes • cs://sos/mft_server/srv001@my_custom_field • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://sos/mft_server/srv001@attachment - the first attachment • cs://sos/mft_server/srv001@my_custom_field - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://@title • cs://@user • cs://@password • cs://@url • cs://@notes • cs://@my_custom_field • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://@attachment - the first attachment • cs://@my_custom_field - a specified attachment
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<p>PreferredAuthentications</p>	<p>string</p> <ul style="list-style-type: none"> • Whitespace: preserve • Enumeration: <ul style="list-style-type: none"> • password, publickey • publickey, password • Occurrence: 0..1 	<p>Optional</p>	<p>References</p> <ul style="list-style-type: none"> • Schema: PreferredAuthentications • Mapping: <ul style="list-style-type: none"> • preferred_authentications • Release: <ul style="list-style-type: none"> • YADE-462 Availability starting with 1.12.1. <p>Notes</p> <p>Specifies the order in which the client should try protocol 2 authentication methods.</p> <p>This allows a client to prefer one method (e.g. <i>publickey</i>) over another method (e.g. <i>password</i>).</p>
<p>RequiredAuthentications</p>	<p>string</p> <ul style="list-style-type: none"> • Whitespace: preserve • Enumeration: <ul style="list-style-type: none"> • password, publickey • publickey, password • Occurrence: 0..1 	<p>Optional</p>	<p>References</p> <ul style="list-style-type: none"> • Schema: RequiredAuthentications • Mapping: <ul style="list-style-type: none"> • required_authentications • Release: <ul style="list-style-type: none"> • YADE-462 Availability starting with 1.12.1. <p>Notes</p> <p>Specifies the authentication methods that must be successfully completed for a user to be granted access.</p> <p>See SSH configuration:</p> <ul style="list-style-type: none"> • <i>AuthenticationMethods</i> • <i>RequiredAuthentications2</i>

AuthenticationMethodPassword	<ul style="list-style-type: none"> • Occurrence: 1 	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationMethodPassword • Mapping: <ul style="list-style-type: none"> • ssh_auth_method <p>Notes</p> <p>The use of this element specifies that for SSHAuthentication an authentication method using a <i>Password</i> will be applied.</p> <p>As an alternative to using passwords the authentication methods:</p> <ul style="list-style-type: none"> • AuthenticationMethodPublickey • AuthenticationMethodKeyboardInteractive <p>can be used.</p>
Password	<p>string</p> <ul style="list-style-type: none"> • Min: 1 • Whitespace: preserve • Occurrence: 1 	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: Password • Mapping: <ul style="list-style-type: none"> • password <p>Notes</p> <p>Password for authentication at a server that is involved in file transfer, e.g. with an FTP or SFTP protocol or Proxy protocol that makes use of BasicAuthentication.</p> <p>Passwords are not displayed in the YADE log files.</p> <p>A drawback is that passwords are visible in YADE configuration files. In order to avoid this you could switch to using File Transfer Protocols that allow SSHAuthentication, e.g. SFTP.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the <i>CredentialStore</i> is effected by the following syntax:</p> <p style="text-align: center;">cs://[<i>entry_path</i>]@<i>entry_field</i></p> <p>where</p> <ul style="list-style-type: none"> • cs:// is a constant prefix that is used by YADE to identify this setting to be a reference to a <i>CredentialStore</i>. • entry_path specifies the path to an entry within the <i>CredentialStore</i> database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the <i>CSEntryPath</i> configuration item is used. • entry_field is one of the standard fields available in a <i>CredentialStore</i>: <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <i><Hostname></i> and <i><Port></i> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://<i>sos/mft_server/srv001</i>@<i>title</i> • cs://<i>sos/mft_server/srv001</i>@<i>user</i> • cs://<i>sos/mft_server/srv001</i>@<i>password</i> • cs://<i>sos/mft_server/srv001</i>@<i>url</i> • cs://<i>sos/mft_server/srv001</i>@<i>notes</i> • cs://<i>sos/mft_server/srv001</i>@<i>my_custom_field</i> • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://<i>sos/mft_server/srv001</i>@<i>attachment</i> - the first attachment • cs://<i>sos/mft_server/srv001</i>@<i>my_custom_field</i> - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://@<i>title</i> • cs://@<i>user</i> • cs://@<i>password</i> • cs://@<i>url</i> • cs://@<i>notes</i> • cs://@<i>my_custom_field</i> • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://@<i>attachment</i> - the first attachment • cs://@<i>my_custom_field</i> - a specified attachment

Authentication MethodPublickey	<ul style="list-style-type: none"> • Occurrence: 0..1 	Optional	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationMethodPublickey • Mapping: <ul style="list-style-type: none"> • ssh_auth_method <p>Notes</p> <p>The use of this element specifies that for SSHAuthentication an authentication method for public/private keys using an AuthenticationFile will be applied.</p> <p>This is called public/private key authentication and helps to avoid the use of passwords for authentication.</p> <p>As an alternative to public/private key authentication the authentication methods:</p> <ul style="list-style-type: none"> • AuthenticationMethodPassword • AuthenticationMethodKeyboardInteractive <p>can be used.</p>
Authentication File	<p>string</p> <ul style="list-style-type: none"> • Min: 1 • Whitespace: preserve • Occurrence: 1 	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationFile • Parameter: AuthenticationFile • Mapping: <ul style="list-style-type: none"> • ssh_auth_file <p>Notes</p> <p>The value of this parameter specifies the path and name of an account's private key file used for SSHAuthentication. This parameter must be specified if the authentication method AuthenticationMethodPublickey is used.</p> <p>Should the private key file be secured by a passphrase then this must be specified using the Passphrase parameter.</p> <p>Authentication files are most often stored in the user home directory in a <code>.ssh</code> folder and have to be secured with the proper file permissions. However, any path can be specified for an authentication file with this parameter. The location of the authentication file has to be accessible for the account that runs the YADE Client. For Unix systems file permissions 600 are required for authentication files.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the <i>CredentialStore</i> is effected by the following syntax:</p> <p style="text-align: center;">cs://[entry_path]@entry_field</p> <p>where</p> <ul style="list-style-type: none"> • cs:// is a constant prefix that is used by YADE to identify this setting to be a reference to a <i>CredentialStore</i>. • entry_path specifies the path to an entry within the <i>CredentialStore</i> database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the <i>CSEntryPath</i> configuration item is used. • entry_field is one of the standard fields available in a <i>CredentialStore</i>. <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <i><Hostname></i> and <i><Port></i> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://sos/mft_server/srv001@title • cs://sos/mft_server/srv001@user • cs://sos/mft_server/srv001@password • cs://sos/mft_server/srv001@url • cs://sos/mft_server/srv001@notes • cs://sos/mft_server/srv001@my_custom_field • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://sos/mft_server/srv001@attachment - the first attachment • cs://sos/mft_server/srv001@my_custom_field - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • cs://@title • cs://@user • cs://@password • cs://@url • cs://@notes • cs://@my_custom_field • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • cs://@attachment - the first attachment • cs://@my_custom_field - a specified attachment

Passphrase	string <ul style="list-style-type: none"> • Min: 1 • Whitespace: preserve • Occurrence: 0..1 	Optional	<p>References</p> <ul style="list-style-type: none"> • Schema: Passphrase • Mapping: <ul style="list-style-type: none"> • passphrase • Release: <ul style="list-style-type: none"> • YADE-485 Availability starting with 1.12.1. <p>Notes</p> <p>A passphrase secures an AuthenticationFile that is used for SSHAuthentication. The passphrase is added when creating the private key authentication file.</p> <p>Passphrases are not displayed in the YADE log files.</p> <p>As a drawback passphrases are visible in YADE configuration files if not protected as secure strings, e.g. from a CredentialStore.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the CredentialStore is effected by the following syntax:</p> <pre>cs://[entry_path]@entry_field</pre> <p>where</p> <ul style="list-style-type: none"> • cs:// is a constant prefix that is used by YADE to identify this setting to be a reference to a CredentialStore. • entry_path specifies the path to an entry within the CredentialStore database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the CSEntryPath configuration item is used. • entry_field is one of the standard fields available in a CredentialStore. <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <Hostname> and <Port> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <Domain>, <Hostname>, <Account>, <Password>, <Passphrase> elements: <ul style="list-style-type: none"> • <code>cs://sos/mft_server/srv001@title</code> • <code>cs://sos/mft_server/srv001@user</code> • <code>cs://sos/mft_server/srv001@password</code> • <code>cs://sos/mft_server/srv001@url</code> • <code>cs://sos/mft_server/srv001@notes</code> • <code>cs://sos/mft_server/srv001@my_custom_field</code> • <AuthenticationFile> element: <ul style="list-style-type: none"> • <code>cs://sos/mft_server/srv001@attachment</code> - the first attachment • <code>cs://sos/mft_server/srv001@my_custom_field</code> - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <Domain>, <Hostname>, <Account>, <Password>, <Passphrase> elements: <ul style="list-style-type: none"> • <code>cs://@title</code> • <code>cs://@user</code> • <code>cs://@password</code> • <code>cs://@url</code> • <code>cs://@notes</code> • <code>cs://@my_custom_field</code> • <AuthenticationFile> element: <ul style="list-style-type: none"> • <code>cs://@attachment</code> - the first attachment • <code>cs://@my_custom_field</code> - a specified attachment
AuthenticationMethodPublickey	Occurrence: 1	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationMethodPublickey • Mapping: <ul style="list-style-type: none"> • ssh_auth_method <p>Notes</p> <p>The use of this element specifies that for SSHAuthentication an authentication method for public/private keys using an AuthenticationFile will be applied.</p> <p>This is called public/private key authentication and helps to avoid the use of passwords for authentication.</p> <p>As an alternative to public/private key authentication the authentication methods:</p> <ul style="list-style-type: none"> • AuthenticationMethodPassword • AuthenticationMethodKeyboardInteractive <p>can be used.</p>

Authentication File	string <ul style="list-style-type: none"> • Min: 1 • Whitespace: preserve • Occurrence: 1 	Required	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationFile • Parameter: AuthenticationFile • Mapping: <ul style="list-style-type: none"> • ssh_auth_file <p>Notes</p> <p>The value of this parameter specifies the path and name of an account's private key file used for SSHAAuthentication. This parameter must be specified if the authentication method <i>AuthenticationMethodPublicKey</i> is used.</p> <p>Should the private key file be secured by a passphrase then this must be specified using the <i>Passphrase</i> parameter.</p> <p>Authentication files are most often stored in the user home directory in a <i>.ssh</i> folder and have to be secured with the proper file permissions. However, any path can be specified for an authentication file with this parameter. The location of the authentication file has to be accessible for the account that runs the YADE Client. For Unix systems file permissions 600 are required for authentication files.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the <i>CredentialStore</i> is effected by the following syntax:</p> <pre style="margin-left: 40px;">cs://[entry_path]@entry_field</pre> <p>where</p> <ul style="list-style-type: none"> • <i>cs://</i> is a constant prefix that is used by YADE to identify this setting to be a reference to a <i>CredentialStore</i>. • <i>entry_path</i> specifies the path to an entry within the <i>CredentialStore</i> database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the <i>CSEntryPath</i> configuration item is used. • <i>entry_field</i> is one of the standard fields available in a <i>CredentialStore</i>. <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <i><Hostname></i> and <i><Port></i> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • <i>cs://sos/mft_server/srv001@title</i> • <i>cs://sos/mft_server/srv001@user</i> • <i>cs://sos/mft_server/srv001@password</i> • <i>cs://sos/mft_server/srv001@url</i> • <i>cs://sos/mft_server/srv001@notes</i> • <i>cs://sos/mft_server/srv001@my_custom_field</i> • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • <i>cs://sos/mft_server/srv001@attachment</i> - the first attachment • <i>cs://sos/mft_server/srv001@my_custom_field</i> - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <i><Domain></i>, <i><Hostname></i>, <i><Account></i>, <i><Password></i>, <i><Passphrase></i> elements: <ul style="list-style-type: none"> • <i>cs://@title</i> • <i>cs://@user</i> • <i>cs://@password</i> • <i>cs://@url</i> • <i>cs://@notes</i> • <i>cs://@my_custom_field</i> • <i><AuthenticationFile></i> element: <ul style="list-style-type: none"> • <i>cs://@attachment</i> - the first attachment • <i>cs://@my_custom_field</i> - a specified attachment
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Passphrase	string <ul style="list-style-type: none"> • Min: 1 • Whites pace: preserve • Occurrence: 0..1 	Optional	<p>References</p> <ul style="list-style-type: none"> • Schema: Passphrase • Mapping: <ul style="list-style-type: none"> • passphrase • Release: <ul style="list-style-type: none"> • YADE-485 Availability starting with 1.12.1. <p>Notes</p> <p>A passphrase secures an AuthenticationFile that is used for SSHAuthentication. The passphrase is added when creating the private key authentication file.</p> <p>Passphrases are not displayed in the YADE log files.</p> <p>As a drawback passphrases are visible in YADE configuration files if not protected as secure strings, e.g. from a CredentialStore.</p> <p>Support for KeePass versions 1 and 2.</p> <p>Note: Availability starting with YADE-464.</p> <p>Referencing CredentialStore fields.</p> <p>Note: Availability starting with YADE-481.</p> <p>Referencing a field in the CredentialStore is effected by the following syntax:</p> <pre>cs://[entry_path]@entry_field</pre> <p>where</p> <ul style="list-style-type: none"> • cs:// is a constant prefix that is used by YADE to identify this setting to be a reference to a CredentialStore. • entry_path specifies the path to an entry within the CredentialStore database. Folders (groups) within a path are separated by a slash "/". This setting is optional. If omitted then the value of the CSEntryPath configuration item is used. • entry_field is one of the standard fields available in a CredentialStore. <ul style="list-style-type: none"> • <i>title</i> • <i>user</i> • <i>password</i> • <i>url</i> • <i>notes</i> • <i>attachment</i> or the <i>custom fields</i>. <p><Hostname> element:</p> <ul style="list-style-type: none"> • Usage like the examples below. • If the entry field value is defined with <i>host:port</i>, YADE sets the <Hostname> and <Port> automatically. <p>Examples</p> <ul style="list-style-type: none"> • Examples for fully specified entry path: <ul style="list-style-type: none"> • <Domain>, <Hostname>, <Account>, <Password>, <Passphrase> elements: <ul style="list-style-type: none"> • <code>cs://sos/mft_server/srv001@title</code> • <code>cs://sos/mft_server/srv001@user</code> • <code>cs://sos/mft_server/srv001@password</code> • <code>cs://sos/mft_server/srv001@url</code> • <code>cs://sos/mft_server/srv001@notes</code> • <code>cs://sos/mft_server/srv001@my_custom_field</code> • <AuthenticationFile> element: <ul style="list-style-type: none"> • <code>cs://sos/mft_server/srv001@attachment</code> - the first attachment • <code>cs://sos/mft_server/srv001@my_custom_field</code> - a specified attachment • Examples without fully specified entry path: <ul style="list-style-type: none"> • <Domain>, <Hostname>, <Account>, <Password>, <Passphrase> elements: <ul style="list-style-type: none"> • <code>cs://@title</code> • <code>cs://@user</code> • <code>cs://@password</code> • <code>cs://@url</code> • <code>cs://@notes</code> • <code>cs://@my_custom_field</code> • <AuthenticationFile> element: <ul style="list-style-type: none"> • <code>cs://@attachment</code> - the first attachment • <code>cs://@my_custom_field</code> - a specified attachment
AuthenticationMethodKeyboardInteractive	<ul style="list-style-type: none"> • Occurrence: 0..1 	Optional	<p>References</p> <ul style="list-style-type: none"> • Schema: AuthenticationMethodKeyboardInteractive • Mapping: <ul style="list-style-type: none"> • ssh_auth_method • Release: <ul style="list-style-type: none"> • YADE-495 Availability starting with 1.12.2. <p>Notes</p> <p>Usage only with the YADE Client on the command shell.</p> <p>The use of this element specifies that for SSHAuthentication an authentication method for keyboard interactive authentication, which allows the YADE Client on the command shell to ask a password question and the user to input a response.</p> <p>As an alternative to keyboard interactive authentication the authentication methods:</p> <ul style="list-style-type: none"> • AuthenticationMethodPassword • AuthenticationMethodPublickey <p>can be used.</p>

