--authenticationMechanism <name>

*Default*: SCRAM-SHA-1

*Changed in version 2.6:*Added support for the PLAIN and MONGODB-X509 authentication mechanisms.

*Changed in version 3.0:*Added support for the SCRAM-SHA-1 authentication mechanism. Changed default mechanism to SCRAM-SHA-1.

Specifies the authentication mechanism the mongostat instance uses to authenticate to the [mongod](https://docs.mongodb.com/manual/reference/program/mongod/" \l "bin.mongod" \o "mongod) or [mongos](https://docs.mongodb.com/manual/reference/program/mongos/#bin.mongos).

| **Value** | **Description** |
| --- | --- |
| [SCRAM-SHA-1](https://docs.mongodb.com/manual/core/security-scram-sha-1/#authentication-scram-sha-1) | [RFC 5802](https://tools.ietf.org/html/rfc5802) standard Salted Challenge Response Authentication Mechanism using the SHA1 hash function. |
| [MONGODB-CR](https://docs.mongodb.com/manual/core/security-mongodb-cr/#authentication-mongodb-cr) | MongoDB challenge/response authentication. |
| [MONGODB-X509](https://docs.mongodb.com/manual/core/security-x.509/#security-auth-x509) | MongoDB TLS/SSL certificate authentication. |
| [GSSAPI](https://docs.mongodb.com/manual/core/authentication-mechanisms-enterprise/#security-auth-kerberos) (Kerberos) | External authentication using Kerberos. This mechanism is available only in [MongoDB Enterprise](http://www.mongodb.com/products/mongodb-enterprise?jmp=docs). |
| [PLAIN](https://docs.mongodb.com/manual/core/authentication-mechanisms-enterprise/#security-auth-ldap) (LDAP SASL) | External authentication using LDAP. You can also use PLAIN for authenticating in-database users. PLAIN transmits passwords in plain text. This mechanism is available only in [MongoDB Enterprise](http://www.mongodb.com/products/mongodb-enterprise?jmp=docs). |