



Amazon Simple Queue Service (Version 2009-02-01)

Quick Reference Card (page 1)

Reminders

- Delete your messages after receiving them
- If you see a lot of duplicates, verify that you're really deleting the messages
- When the application starts, use `CreateQueue` to ensure that a queue exists
- Get the `ApproximateNumberOfMessages` attribute to determine if a queue is empty
- Wait 60 seconds after deleting a queue before creating a new queue with same name
- Visibility timeout is in seconds, not milliseconds

WSDL: <http://queue.amazonaws.com/doc/2008-01-01/QueueService.wsdl>

Schema: <http://queue.amazonaws.com/doc/2008-01-01/QueueService.xsd>

Allowed Unicode characters in message:

#x9 | #xA | #xD | [#x20 to #xD7FF] | [#xE000 to #xFFFF] | [#x10000 to #x10FFFF]

GetQueueAttributes

Request includes:

- `AttributeName`
(valid values: `All` | `ApproximateNumberOfMessages` | `ApproximateNumberOfMessagesNotVisible` | `VisibilityTimeout` | `CreatedTimestamp` | `LastModifiedTimestamp` | `Policy`)

Response includes:

- `Attribute` element

SetQueueAttributes

Request includes:

- `Attribute.Name`
- `Attribute.Value`
(valid values: `VisibilityTimeout` | `Policy`)

Response includes:

- Nothing besides basic response information

Operations

CreateQueue

Request includes:

- `QueueName` (80 chars max, hyphens and underscores allowed)
- `DefaultVisibilityTimeout` (in seconds, max 7200 seconds) — optional

Response includes:

- `QueueURL` element

ListQueues

Request includes:

- `QueueNamePrefix` (80 chars max) — optional

Response includes:

- Zero or more `QueueURL` elements

DeleteQueue

Request includes:

- Queue name as part of request endpoint

Response includes:

- Nothing besides basic response information

SendMessage

Request includes:

- `MessageBody` (max 8 KB)
- `DefaultVisibilityTimeout` (in seconds, max 7200 seconds) — optional

Response includes:

- `MD5OfMessageBody`
- `MessageId`

ReceiveMessage

Request includes:

- `MaxNumberOfMessages` (max 10) — optional
- `VisibilityTimeout` (in seconds, max 7200 seconds) — optional
- `AttributeName`
(valid values: `All` | `ApproximateReceiveCount` | `ApproximateFirstReceiveTimestamp` | `SenderId` | `SentTimestamp`)

Response includes:

- `Message` element, containing `Body`, `MD5OfBody`, `MessageId`, and `ReceiptHandle`

DeleteMessage

Request includes:

- `ReceiptHandle`

Response includes:

- Nothing besides basic response information



Operations

AddPermission

Request includes:

- Label (80 chars max, hyphens and underscores allowed)
- AWSAccountId (Valid 12-digit AWS account number, without hyphens)
- ActionName
(valid values: * | SendMessage | ReceiveMessage | DeleteMessage | ChangeMessageVisibility | GetQueueAttributes)

Response includes:

- Nothing besides basic response information

RemovePermission

Request includes:

- Label

Response includes:

- Nothing besides basic response information

ChangeMessageVisibility

Request includes:

- ReceiptHandle
- VisibilityTimeout (Integer from 0 to 43200 (maximum 12 hours))

Response includes:

- Nothing besides basic response information