SubmitScore
Submits a score for a user to be stored in the Leaderboard.

Request Syntax

```
{
    "Action":"SubmitScore",
    "Username":"string",
    "Score":123,
    "Timestamp":123
}
```

Parameters
- **Username** (string) --
  [REQUIRED]
  The in-game name specified by the user.

- **Score** (integer) --
  [REQUIRED]
  An integer representing the number of points gained by the user.

- **Timestamp** (integer) --
  [OPTIONAL]
  A Unix timestamp of when the score was achieved. If no timestamp is provided, the current Unix time will be used upon submission.

Returns

```
{
    "Success":True|False
    "ErrorString":"string"
}
```

- **Success** (boolean) --
  True if the score was successfully submitted. *False* if the score failed to be submitted.
- **ErrorString**
  Additional information if the submission failed. Null otherwise.

GetScores
Retrieves a configurable number of scores from the Leaderboard.

Request Syntax

```
{
    "Action":"GetScores",
    "Username":"string",
    "Order":"string",
    "MaxEntries":123,
    "TimestampRange":
    {
        "TimestampBegin":123,
        "TimestampEnd":123
    }
}
```

Parameters
- **Username** (string) --
  [OPTIONAL]

The user whose specific scores are to be retrieved. If no username is provided, all scores that match the request's parameters are retrieved instead.

- **Order** (string) --
  [OPTIONAL]
  The order in which the scores are to be displayed, it can be one of the following:
    - Ascending
    - Descending

  Default value is *Descending.*

- **MaxEntries** (integer) --
  [OPTIONAL]
  The maximum number of entries to return. If no number is provided, then all scores that match the request's parameters will be returned.

  Default value is *10.*

- **TimestampRange** (dict) --
  [OPTIONAL]
  The range of time to retrieve scores from.
    - **TimestampBegin** (integer)
      The earliest time to retrieve a score. Cannot be greater than *TimestampEnd.*
    - **TimestampEnd** (integer)
      The latest time to retrieve a score. Cannot be less than *TimestampBegin*

Returns

```
{
        "Success":True|False,
        "ErrorString":"string",
        "Scores":
        [
                {
                        "Username":"string",
                        "Score":123,
                        "Timestamp":123
                }
        ]
}
```

- **Success** (boolean) --
  True if one or more scores were retrieved successfully. *False* if no scores matched the provided parameters or an error occurred during the request.
- **ErrorString** (string) --
  Additional information if the request failed. Null otherwise.
- **Scores** (list) --
      A list of all scores that matched the provided request parameters.

DeleteScore
Removes score entries for a specific user from the Leaderboard

Request Syntax

```
{
    "Action":"DeleteScore",
    "Username":"string"
    "TimestampRange":
    {
        "TimestampBegin":123,
```

```
        "TimestampEnd":123
    }
}
```

Parameters

- **Username** (string) --
  The username whose scores are to be deleted.

- **TimestampRange** (dict) --
  [OPTIONAL]
  The range of time to delete scores from. If no range is provided, all scores for the provided username will be deleted.
    - **TimestampBegin** (integer)
      The earliest time to retrieve a score. Cannot be greater than *TimestampEnd.*
    - **TimestampEnd** (integer)
      The latest time to retrieve a score. Cannot be less than *TimestampBegin*

Returns
```
{
        "Success":True|False
        "ErrorString":"string"
        "DeletedCount":123
}
```

- **Success** (boolean) --
  True if one or more scores for the provided username were deleted. *False* if no scores matched the provided parameters or an error occurred during the request.
- **ErrorString** (string) --
  Additional information if the submission failed. Null otherwise.
- **DeletedCount** (int) --
  The number of scores that were deleted.

ClearScores

Removes score entries for all users from the Leaderboard

Request Syntax
```
{
    "Action":"ClearScores",
    "Username":"string"
    "TimestampRange":
    {
        "TimestampBegin":123,
        "TimestampEnd":123
    }
}
```

Parameters

- **TimestampRange** (dict) --
  [OPTIONAL]
  The range of time to delete scores from. If no range is provided, all scores will be deleted.
    - **TimestampBegin** (integer)
      The earliest time to retrieve a score. Cannot be greater than *TimestampEnd.*
    - **TimestampEnd** (integer)
      The latest time to retrieve a score. Cannot be less than *TimestampBegin*

Returns

```
{
        "Success":True|False
        "ErrorString":"string"
        "DeletedCount":123
}
```

- ● **Success** (boolean) --
  True if one or more scores were deleted. *False* if no scores matched the provided parameters or an error occurred during the request.
- ● **ErrorString** (string) --
  Additional information if the submission failed. Null otherwise.
- ● **DeletedCount** (int) --
  The number of scores that were deleted.