# Cloudforms

* Template parameters

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| --- AWSTemplateFormatVersion: "*version date*"  Description:  *String*  Metadata:  *template metadata - Objects that provide additional information about the template.*  Parameters:  *set of parameters - Specifies values that you can pass in to your template at runtime*  Mappings:  *set of mappings - A mapping of keys and associated values that you can use to specify conditional parameter values, similar to a lookup table.*   Conditions:  *set of conditions - Defines conditions that control whether certain resources are created or whether certain resource properties are assigned a value during stack creation or update.*  Wait condition – create a web server once the database is created. In this case CF will wait for the db to be created before it launches the web server  Transform:  *set of transforms - For* [*serverless applications*](http://docs.aws.amazon.com/lambda/latest/dg/deploying-lambda-apps.html) *(also referred to as Lambda-based applications), specifies the version of the* [*AWS Serverless Application Model (AWS SAM)*](https://github.com/awslabs/serverless-application-specification) *to use.*   Resources:  *set of resources - Specifies the stack resources and their properties, such as an Amazon Elastic Compute Cloud instance or an Amazon Simple Storage Service bucket.*  Outputs:  *set of outputs - Describes the values that are returned whenever you view your stack's properties* |

* Resources are the only mandatory section in a template.

Deletion policy – snapshot – will take a snapshot of the rds before deleting it

* Reserve or backup – s3 bucket can be preserved