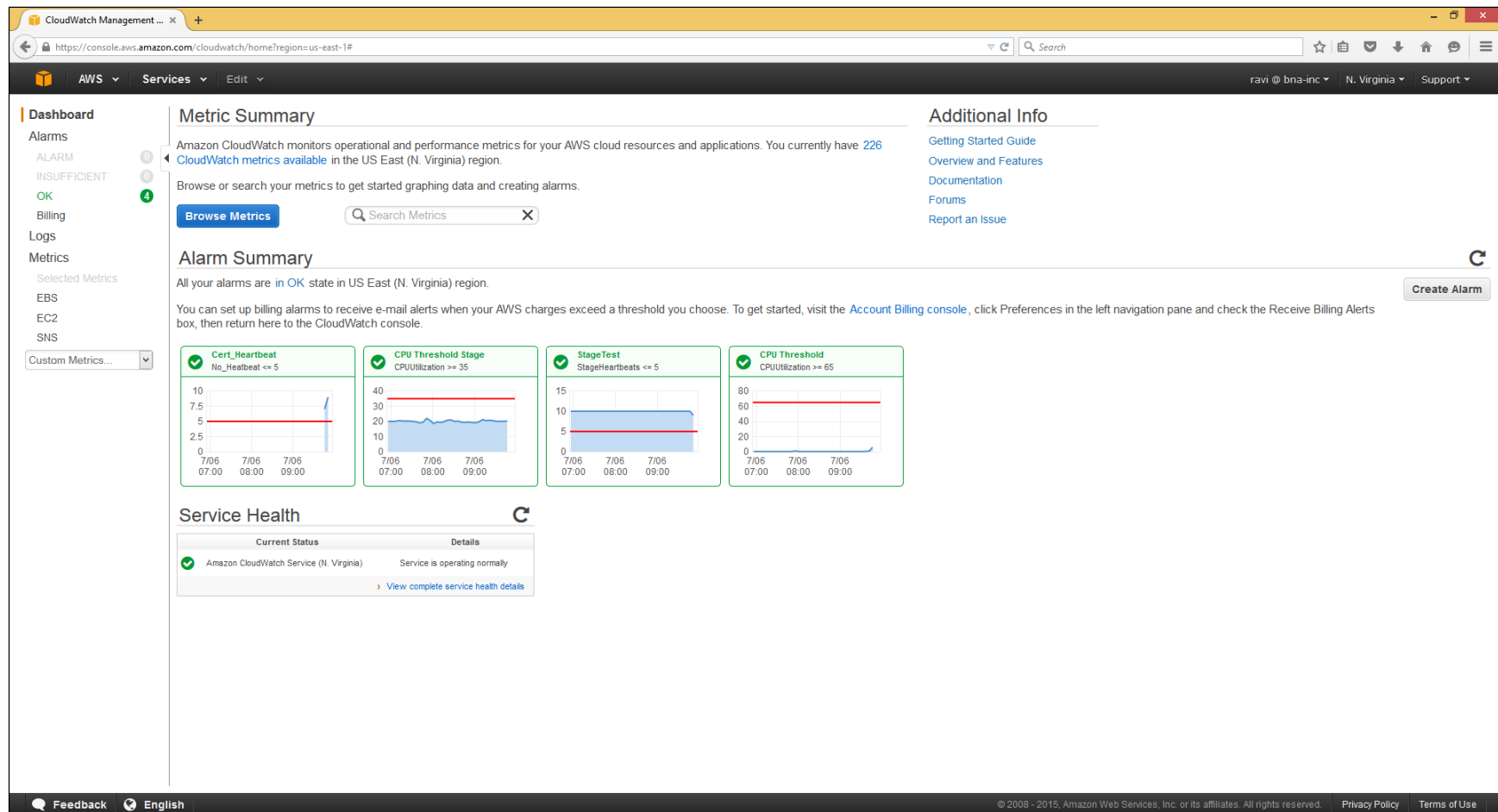
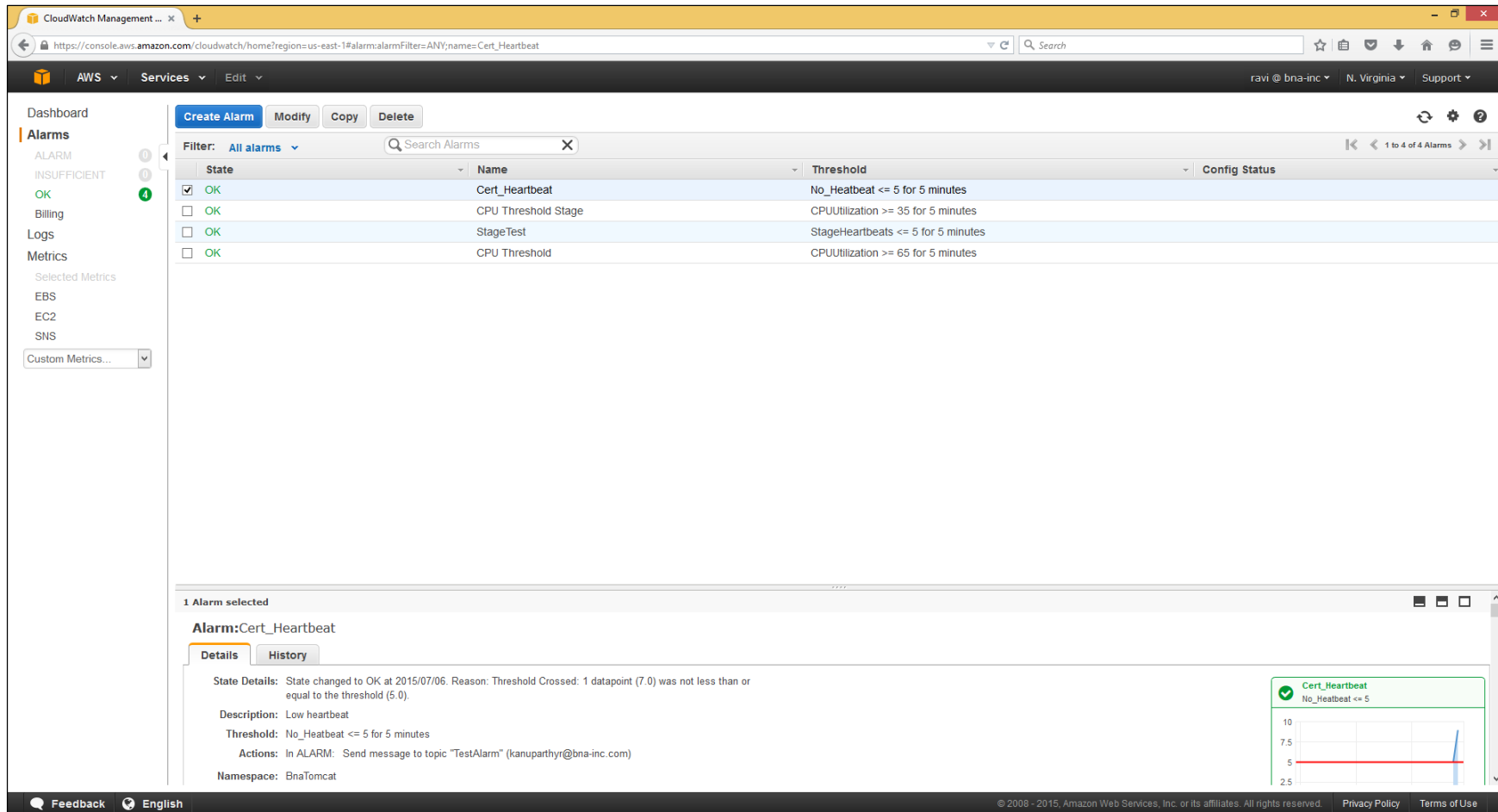


## AWS Continuous Monitoring with Custom and Out of the Box Metrics



## AWS Alarms



The screenshot shows the AWS CloudWatch Management console. The left sidebar contains navigation links for Dashboard, Alarms, Billing, Logs, and Metrics. The main area displays a list of alarms with columns for State, Name, Threshold, and Config Status. The 'Cert\_Heartbeat' alarm is selected, and its details are shown in the bottom panel. The details include the state (OK), description (Low heartbeat), threshold (No\_Heartbeat <= 5 for 5 minutes), actions (Send message to topic "TestAlarm"), and namespace (BnaTomcat). A small graph shows the alarm's history.

State	Name	Threshold	Config Status
<input checked="" type="checkbox"/> OK	Cert_Heartbeat	No_Heartbeat <= 5 for 5 minutes	
<input type="checkbox"/> OK	CPU Threshold Stage	CPUUtilization >= 35 for 5 minutes	
<input type="checkbox"/> OK	StageTest	StageHeartbeats <= 5 for 5 minutes	
<input type="checkbox"/> OK	CPU Threshold	CPUUtilization >= 65 for 5 minutes	

**1 Alarm selected**

**Alarm: Cert\_Heartbeat**

**Details** | History

**State Details:** State changed to OK at 2015/07/06. Reason: Threshold Crossed: 1 datapoint (7.0) was not less than or equal to the threshold (5.0).

**Description:** Low heartbeat

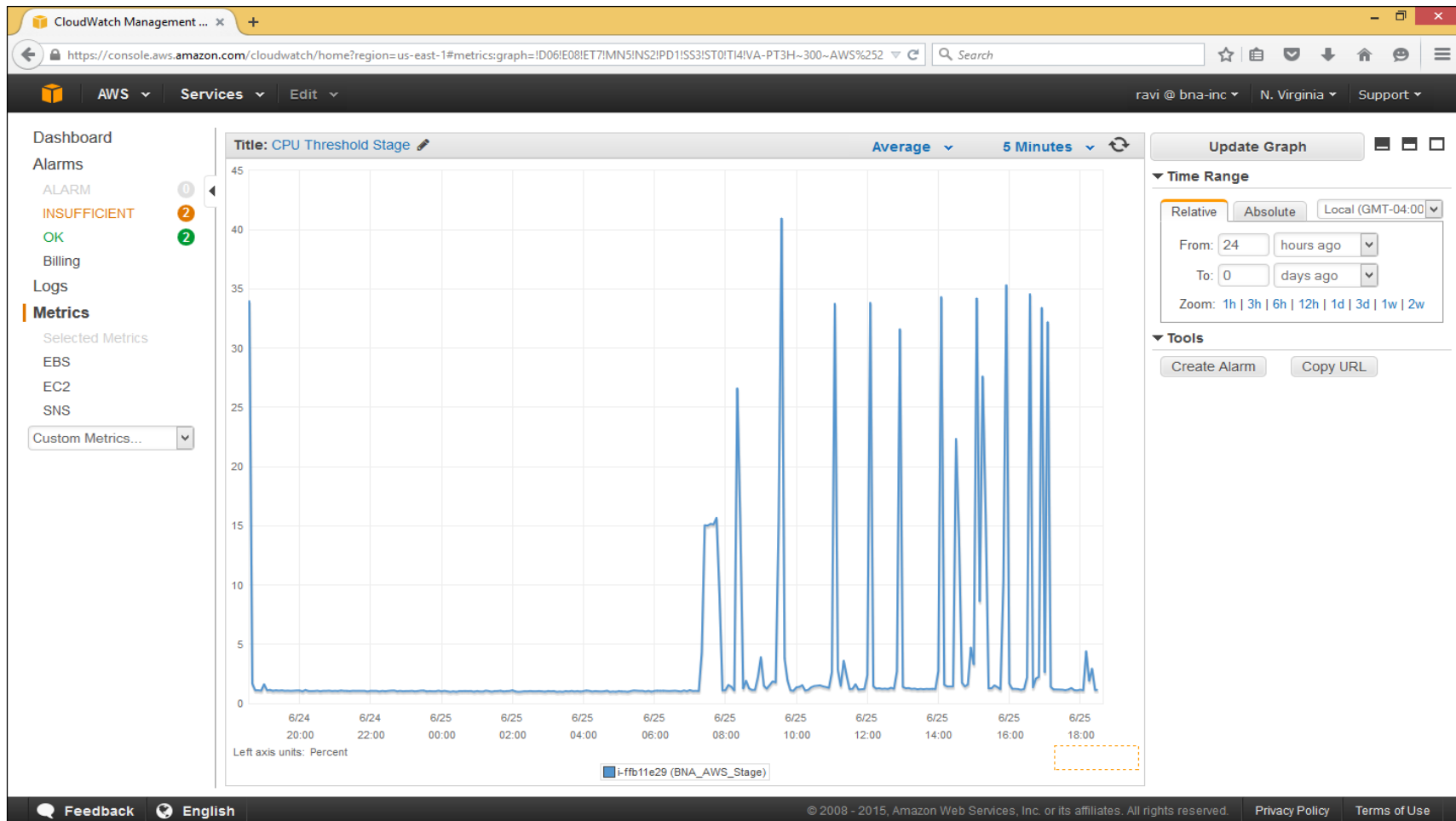
**Threshold:** No\_Heartbeat <= 5 for 5 minutes

**Actions:** In ALARM: Send message to topic "TestAlarm" (kanuparthyr@bna-inc.com)

**Namespace:** BnaTomcat

**Graph:** Cert\_Heartbeat No\_Heartbeat <= 5

## AWS CPU Utilization Monitoring for 24 hour period between 6/24-6/25 with threshold breach, Over 35%, at 1600 on 6/25, resulting in an Alert Email



## AWS CPU Utilization Monitoring Alert Email

ALARM: "CPU Threshold Stage" in US - N. Virginia - Message (Plain Text) (Read-Only)

FILE MESSAGE

Thu 6/25/2015 4:01 PM

DevOpsMon <no-reply@sns.amazonaws.com>  
ALARM: "CPU Threshold Stage" in US - N. Virginia

To: BNA\_RND

You are receiving this email because your Amazon CloudWatch Alarm "CPU Threshold Stage" in the US - N. Virginia region has entered the ALARM state, because "Threshold Crossed: 1 datapoint (35.32) was greater than or equal to the threshold (35.0)." at "Thursday 25 June, 2015 20:01:22 UTC".

View this alarm in the AWS Management Console:  
<https://console.aws.amazon.com/cloudwatch/home?region=us-east-1#s=Alarms&alarm=CPU%20Threshold%20Stage>

Alarm Details:

- Name: CPU Threshold Stage
- Description: CPU Threshold Stage
- State Change: OK -> ALARM
- Reason for State Change: Threshold Crossed: 1 datapoint (35.32) was greater than or equal to the threshold (35.0).
- Timestamp: Thursday 25 June, 2015 20:01:22 UTC
- AWS Account: 753161504147

Threshold:

- The alarm is in the ALARM state when the metric is GreaterThanOrEqualToThreshold 35.0 for 300 seconds.

Monitored Metric:

- MetricNamespace: AWS/EC2
- MetricName: CPUUtilization
- Dimensions: [InstanceId = i-ffb11e29]
- Period: 300 seconds
- Statistic: Average
- Unit: not specified

State Change Actions:

- OK:
- ALARM: [arn:aws:sns:us-east-1:753161504147:Monitoring]
- INSUFFICIENT\_DATA:

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If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:  
[https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:753161504147:Monitoring:c90915cd-cfd6-4e33-8e5a-ea6f78dbb890&Endpoint=bna\\_rnd@bna-inc.com](https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:753161504147:Monitoring:c90915cd-cfd6-4e33-8e5a-ea6f78dbb890&Endpoint=bna_rnd@bna-inc.com)

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