

## Blocking domains using bind DNS

### 1. Add this config in /etc/named.conf

```
options {
    ##other options
    response-policy { zone "rpz.zone"; };
};

logging {
    #####other logging
    // Define a separate channel for RPZ logs
    channel rpz_log {
        file "/var/named/log/rpz.log" versions 3 size 5m;
        severity info;
        print-time yes;
        print-severity yes;
        print-category yes;
    };
    // Assign the RPZ channel to the 'rpz' category
    category rpz { rpz_log; };
};
```

### 2. Creating /var/named/log/rpz.log & chmod 775 & chown named:named

### 3. Creating /var/named/forward/rpz.zone & and write the block list on it

```
$TTL 1h
;@   IN   SOA  localhost. root.localhost. (
@    IN   SOA  ns1.example.com. noc.example.com. (
        2005092001      ; Serial
        3h      ; Refresh 3 hours
        1h      ; Retry 1 hour
        1w      ; Expire 1 week
        1h      ; Negative Cache TTL 1 hour
        )
    IN      ns1.example.com.
*.il CNAME .
10452lccc.com CNAME .
123sat.com CNAME .
```

#### 4. Adding the rpz.zone to the /var/named/your.conf

```
zone "rpz.zone" {  
    type master;  
    file "/var/named/forward/rpz.zone";  
};
```

#### 5. service named restart