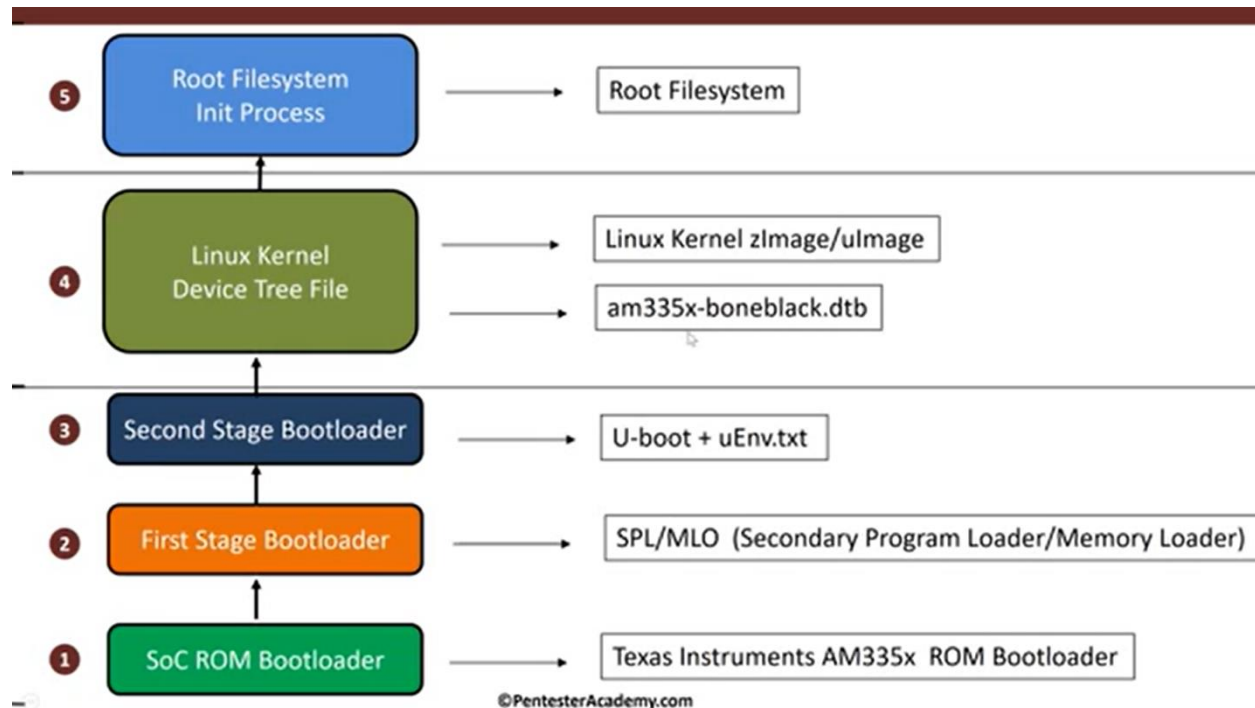
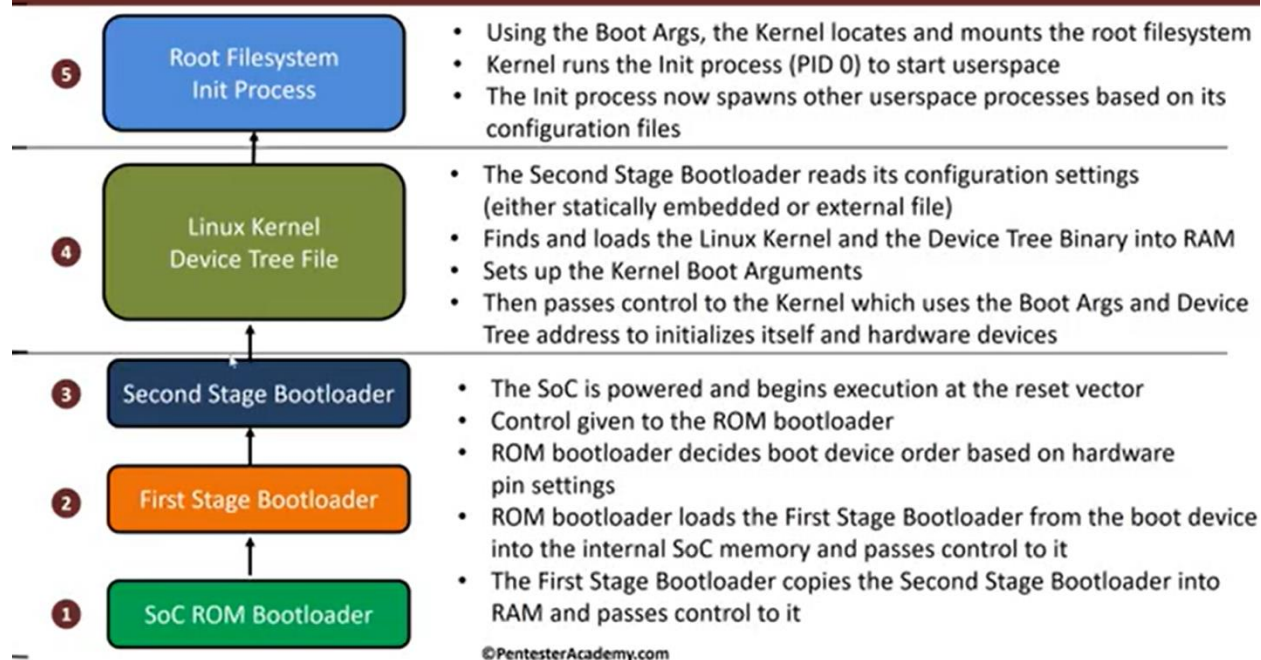
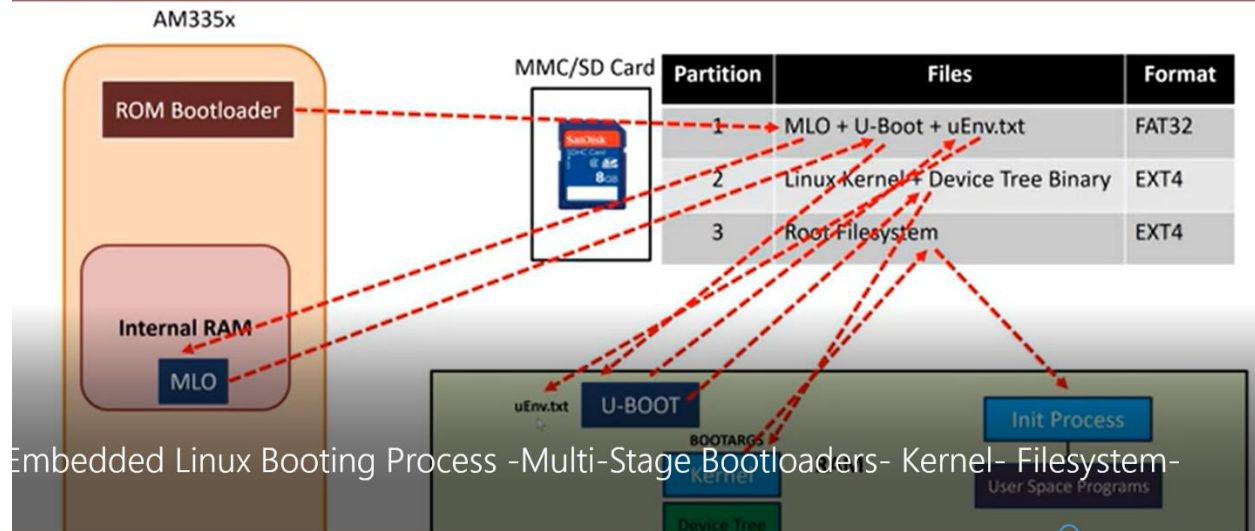


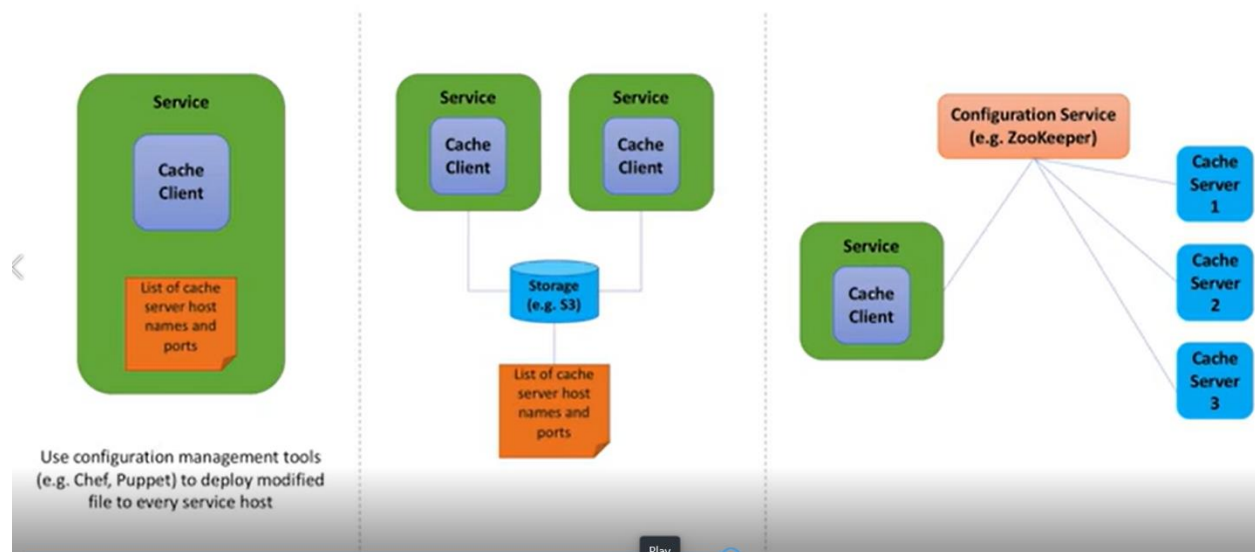
Embedded Linux Boot Process



BeagleBone Black Boot Process



Maintaining a list of cache servers



```

class Solution {
    public boolean canFinish(int numCourses, int[][] prerequisites) {
        int[] indegree = new int[numCourses];
        for (int[] pre : prerequisites) {
            indegree[pre[0]]++;
        }
        Set<Integer> zeroDegree = new HashSet();
        for (int i = 0; i < numCourses; i++) {
            if (indegree[i] == 0) {
                zeroDegree.add(i);
            }
        }
        if (zeroDegree.isEmpty()) {
            return false;
        }
        while (!zeroDegree.isEmpty()) {
            Iterator<Integer> it = zeroDegree.iterator();
            int course = it.next();
            zeroDegree.remove(course);
            for (int[] pre : prerequisites) {
                if (course == pre[1]) {
                    indegree[pre[0]]--;
                    if (indegree[pre[0]] == 0) {
                        zeroDegree.add(pre[0]);
                    }
                }
            }
        }
        for (int num : indegree) {
            if (num != 0) {
                return false;
            }
        }
        return true;
    }
}

```

